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# **ADU-770WA User Manual**

**V1.0E**

**April 30, 2010**

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## 1. Safety Precautions

### 1.1 The terminal

**1) Do not disassemble or solder the terminal and USIM.**

Fire, injury, electric shock or malfunction may result.

**2) Keep the terminal away from the water.**

Take care not to use the terminal and USIM in areas where they could get wet.

**3) Do not use or leave the terminal and USIM in places with a high temperature such as near a fire or heater, or places exposed to direct sunlight or in cars under the blazing sun.**

Deformation, malfunction, heating the deterioration of performance may result.

**4) Do not use near places such as gas stations where there is danger of fire or explosion.**

If used in dusty places or where there are flammable gases such as propane, gasoline, explosion or fire may result.

**5) Do not throw the terminal or USIM, or subject them to severe shocks.**

Malfunction may result.

**6) Keep out of reach of baby and infant.**

Accidental swallowing or injury may result.

**7) Do not store the terminal or USIM in humid or dusty place or in hot areas**

Malfunction may result.

**8) Turn off the terminal in place where use is prohibited such as a airplane or hospitals.**

Electronic and electronic medical appliance may be adversely affected.

**9) Turn off the PC into which the terminal is inserted**

**in place near high-precision electronic device or devise using weak electronic signal.**

The terminal may possibly cause these devices to malfunction.

## 1.2 The USIM

- 1) Do not use excessive force to remove the USIM.
- 2) Do not put excessive force on the card when inserting it into the terminal.
- 3) It is normal for the USIM to become warm during use.

You can continue to use it even when it is warm.

- 4) Always keep the IC portion of the USIM clean.
- 5) Clean the USIM with a soft, dry cloth(Lens cleaning cloth)
- 6) To protect the environment, please bring the old USIM to a A/S center.
- 7) Avoid extreme temperature.
- 8) Do not scratch, touch carelessly or short circuit the IC portion.
- 9) Do not drop or give shock to the USIM.
- 10) Do not bend or put heavy things on the USIM.

## **2. Before Using Terminal**

### **2.1 Minimum system requirement**

<b>CPU and Memory</b>	<b>PC-AT compatible and 128MB RAM or more</b>
<b>Interface</b>	<b>USB1.1</b>
<b>Operating System.</b>	<b>Windows 2000 / XP / Vista / Windows 7</b>

### **2.2 Be caution when separating USB extension cable from your PC**

When removing USB extension cable while connecting to Internet, close the connection and then remove USB extension cable. Removing USB extension cable while connecting to Internet may result in malfunction of your modem

### **2.3 Do not remove USIM card while connecting to Internet**

This may result in malfunction of modem and USIM card.

### **2.4 Keep USIM card safe from damage**

Keep USIM card safe with caution from the damage caused by user's misuse.

### 3. General Usage

#### 3.1 Overview

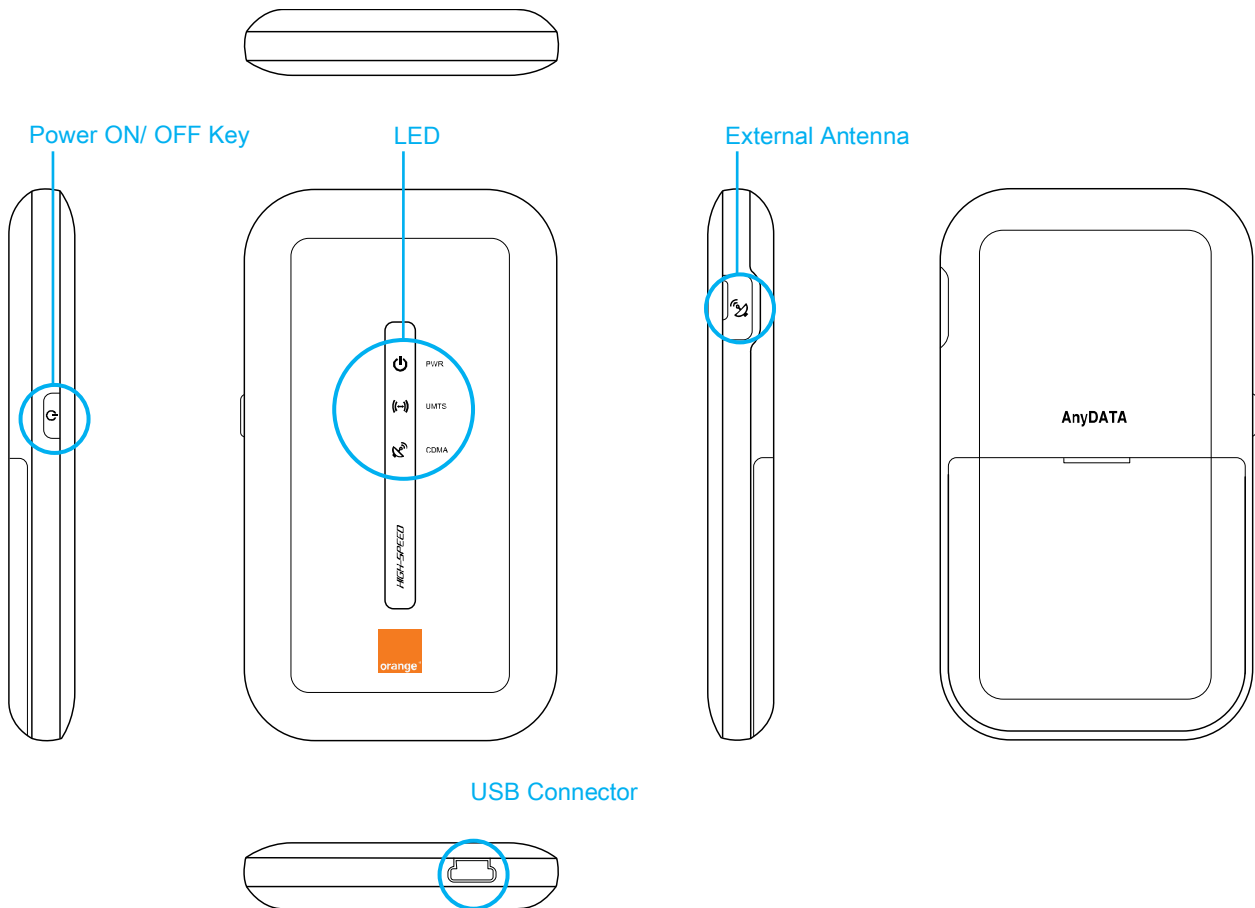
\*This product(ADU-770WA) is ultra fast mobile internet modem connecting to HSDPA/CDMA/GPRS network.

Model Name	ADU-770WA
Antenna	Inner antenna Type
HSDPA Data Speed	Max. 7.2Mbps(downloading)/384Kbps(uploading)
EVDO Data Speed	Max. 3.1Mbps(downloading)/1.8Mbps(uploading)
Operating System	Windows 2000 / XP / Vista / Windows 7

#### 3.2 Product and Accessories

- 1) The modem terminal
- 2) Battery
- 3) External Antenna for CDMA
- 4) USB extension cable
- 5) Power Adaptor
- 6) Installation CD(install driver / Easy Wireless Net)
- 7) User manual
- 8) Warranty card

### 3.3 Names of Part

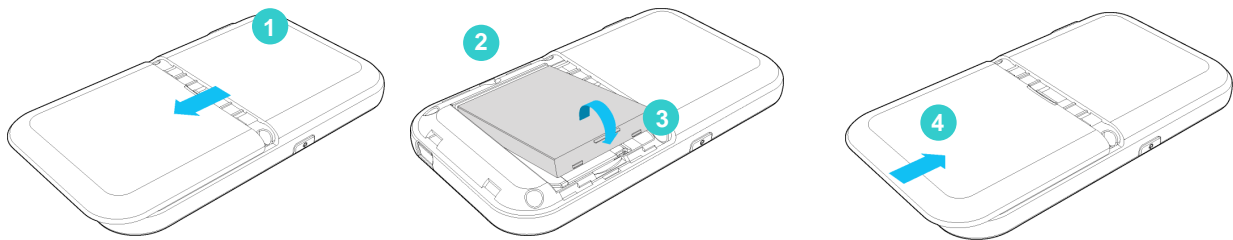




### 3.4 How to inserting and remove the battery

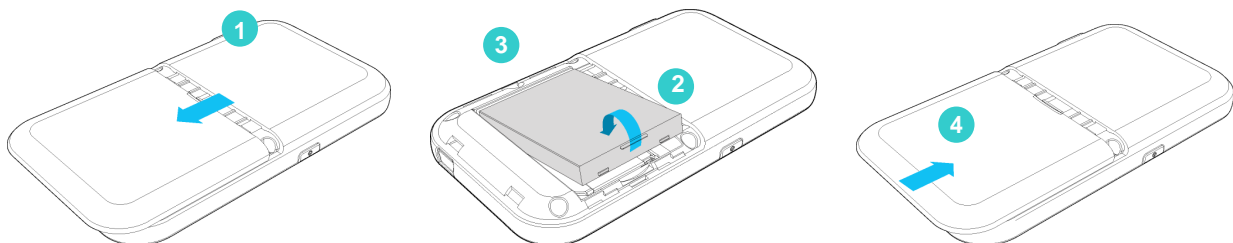
#### 1) Inserting battery

1. To insert the battery, push and slide the battery cover in the direction below to remove it.
2. Install the battery as shown below.
3. Slide the battery cover to the direction until it is locked as shown below.



#### 2) Removing battery

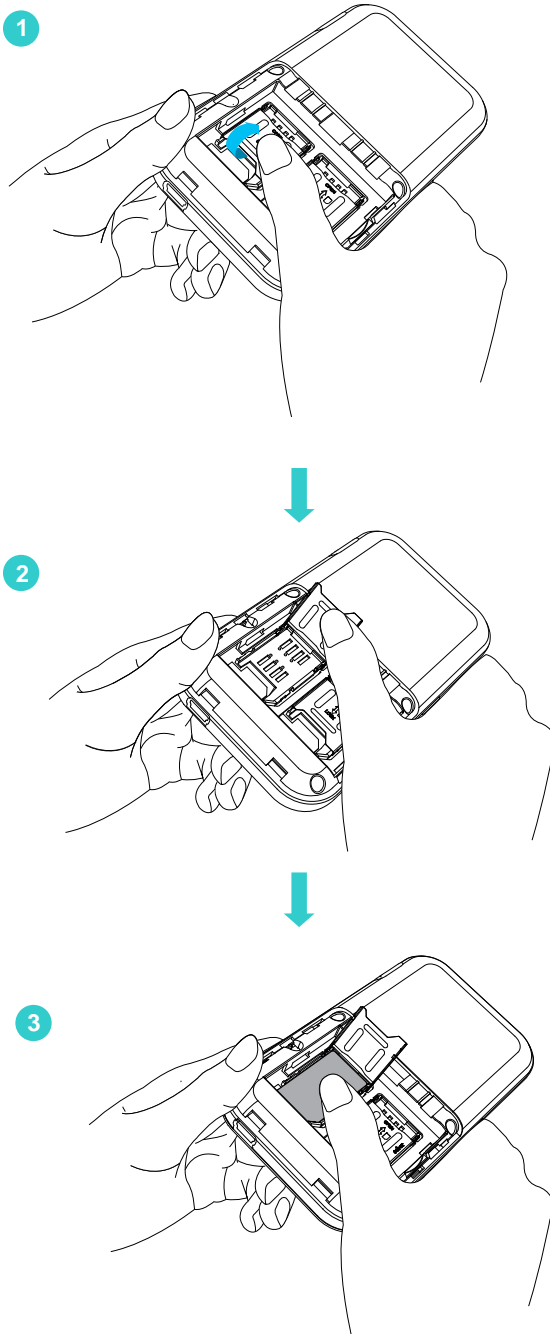
1. Remove the battery cover by pressing the battery lock and sliding it into the direction as shown below.
2. Remove the battery by lifting it up as shown below.
3. After you remove the battery, install the battery cover and slide it in the direction below.



### 3.5 Installing USIM Card install

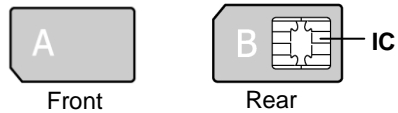
<Note> Before you remove USIM card, be sure to remove battery first.

1. Using your thumb, press and slide USIM cover in the direction shown below.
2. Pull up the USIM card cover in the direction shown below.
3. Insert USIM card in the direction shown below.
4. Pull down the USIM card cover and then press and slide it with your thumb to lock.

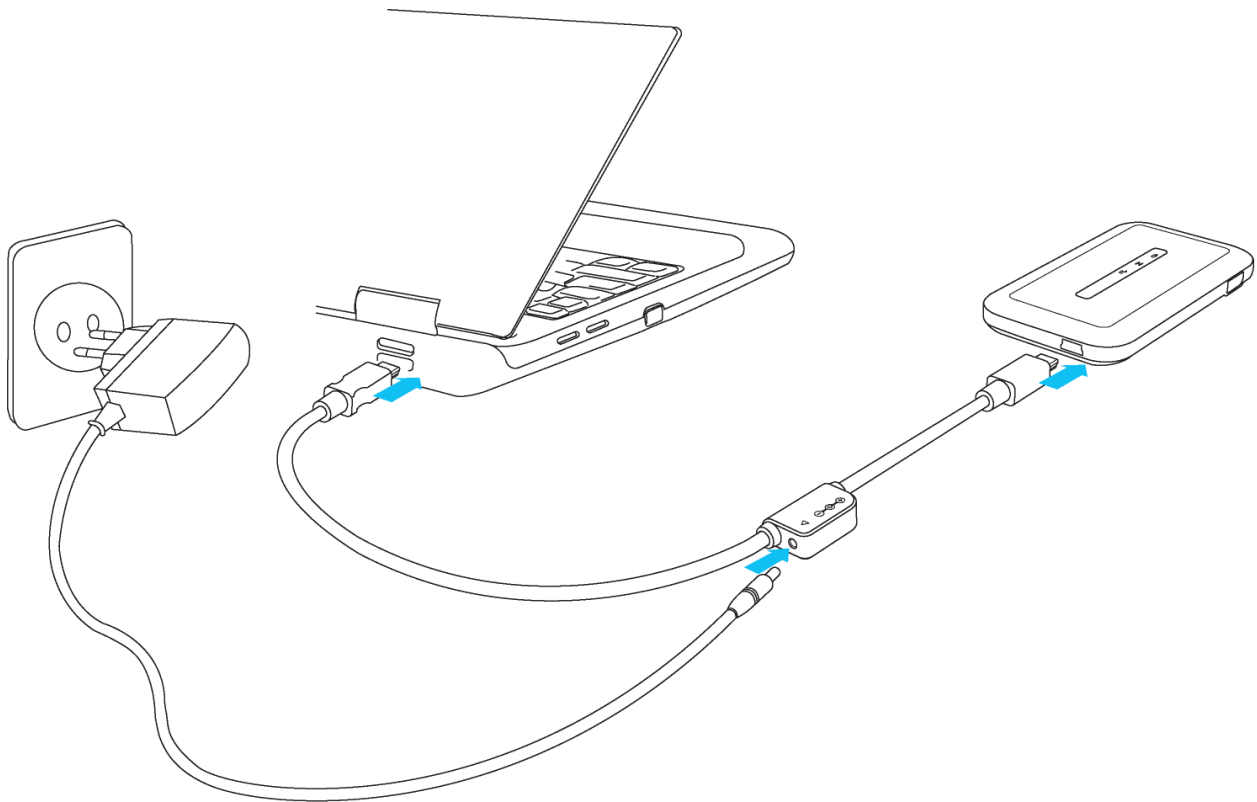


## &lt;Note&gt;

- Make sure to check front and rear side of USIM card.



- Do not touch or damage the IC portion for the USIM card.
- Inserting USIM card reversely may result in malfunction.
- Please insert and separate the card by operating order with holding a hand.
- USIM Card may damage if you insert or separate overly.
- Modem doesn't be held responsible for Item loss or theft, Please be careful so as not to lost the USIM Card.
- Please don't hand over the USIM Card to others.



**■ USIM PINs**

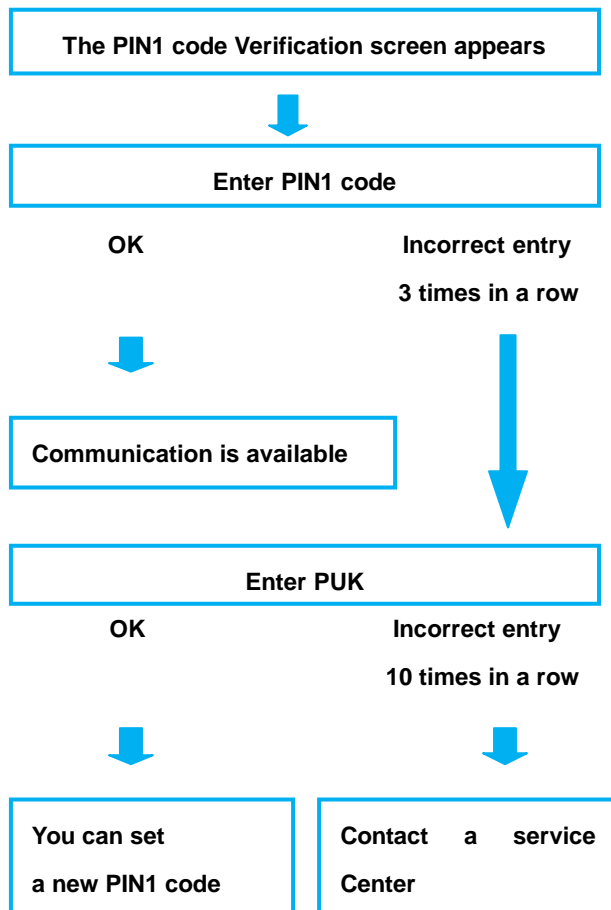
- USIM Card has 2 codes of passwords, PIN1 code and PIN2 code.  
(The PIN1 code is a 4- to 8-digit password to recognize the user and prevent from any unauthorized usage when modem is turned on. PIN2 Code is used 4- to 8-digit password when you use or request the publishing the instruction.)
- Please use it after PIN1 code is confirmed and check up by operating the HSDPA Modem or use it setting before PIN1 Code is not confirmed or checked up. If it is set up confirming and checking, you can't use the Data communication.

**■ Change the PIN1 code.**

- You can change the PIN1 code to any number. To prevent any unauthorized use by third parties, change it to your own number. If you improperly enter the PIN1 code 3 times in a row, further entry is locked automatically (PIN Lock), so be sure to keep a separate note of the numbers you set.

### ■ PIN1 Unlocking code

- PIN1 unlocking code is the number to unlock the locked PIN1 Code locked. It is provided as you contract us. Enter the PIN unlocking code (4- to 8-digit) to unlock the PIN1. If you improperly enter the PIN1 code 3 times in a row, further USIM is locked automatically, be careful so as not to forget PIN1 unlocking code. If you can't unlock the PIN1, please contact the service center.



### 「PIN Unlocking」

#### <Note>

- You can't change the PIN2 code under this modem.
- Please insert your USIM Card to other modem which it can be changed other PIN2 code, and change the PIN2 code. About the way to change the PIN2 code, please refer to the instruction for using modem.

## 4. LED Indicators

### 4.1 POWER

Mode	Descriptions
BLUE	Boot up
RED	Only battery power is used or battery is fully charged
VIOLET	Battery is under charging
RED/VIOLET	Low battery warning blink
OFF	Power off

### 4.2 EVDO

Mode	Descriptions
GREEN	Working in UMTS/GSM network
BLUE	Data call is connected
OFF	Service is not available

### 4.3 UMTS/GSM

Mode	Descriptions
GREEN	Working in CDMA network
BLUE	Data call is connected
OFF	Service is not available

## 5. Easy Wireless Net Installation and Uninstallation


### 5.1 Windows XP, 2000

#### 5.1.1 Installing Driver and Easy Wireless Net

1) Insert the included CD and follow the instruction.

2) You can install Easy Wireless NET Program



- 3) Press  button for ending the program installation.



- 4) The computer needs to restart after the driver installation completed.  
To restart the computer later, select <I want to manually reboot later>.



<Note>

- Connect the modem and PC's USB Port, and check if the driver is installed properly in

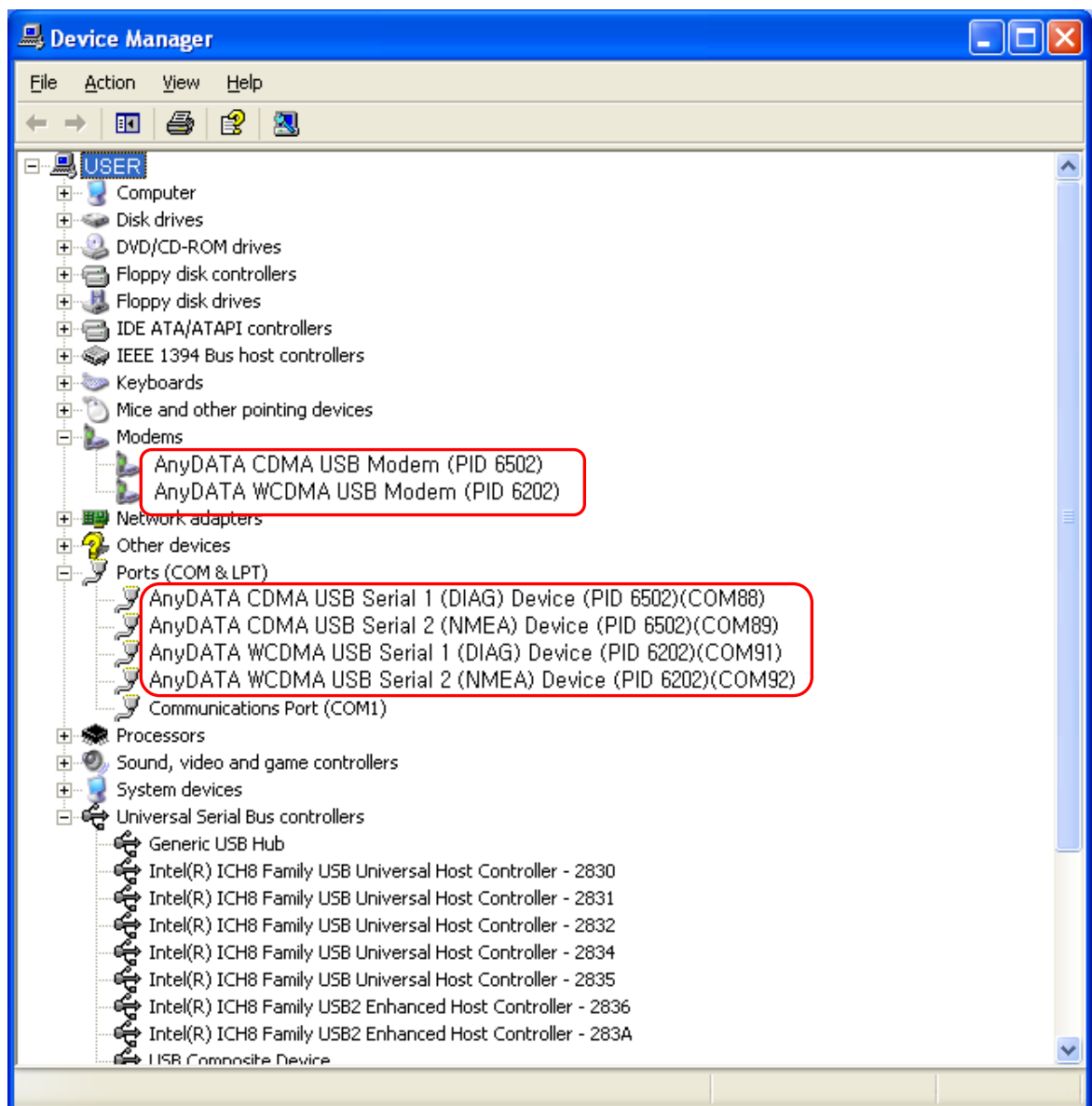
<Device Manager>. See the followings to the location of <Device Manager>

[Start ► Control Panel ► System ► Hardware Tab ► Device Manager]

As shown in below with red boxed that shows

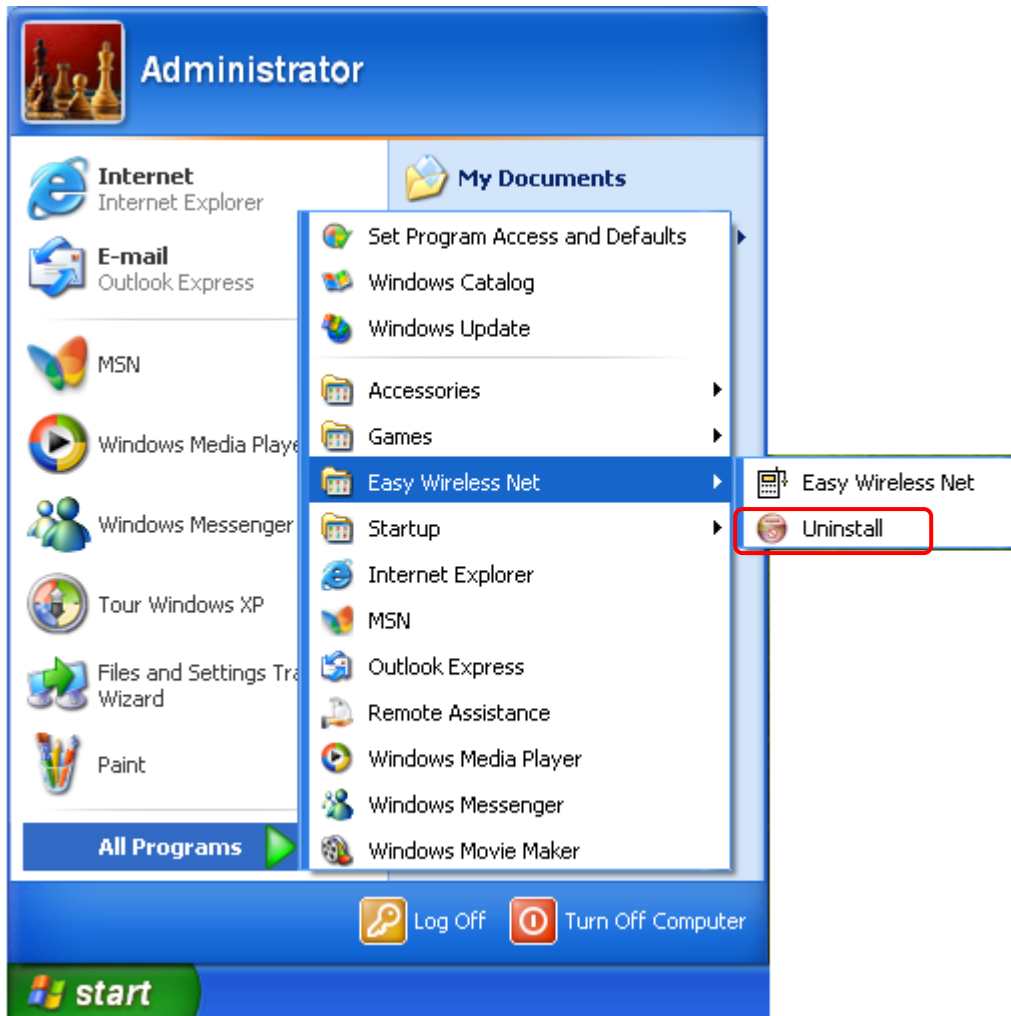
<AnyDATA CDMA USB Modem>, <AnyDATA WCDMA USB Modem>

and <AnyDATA CDMA USB Serial 1/2 Device>, <AnyDATA WCDMA USB Serial 1/2 Device >  
the driver has been successfully installed.

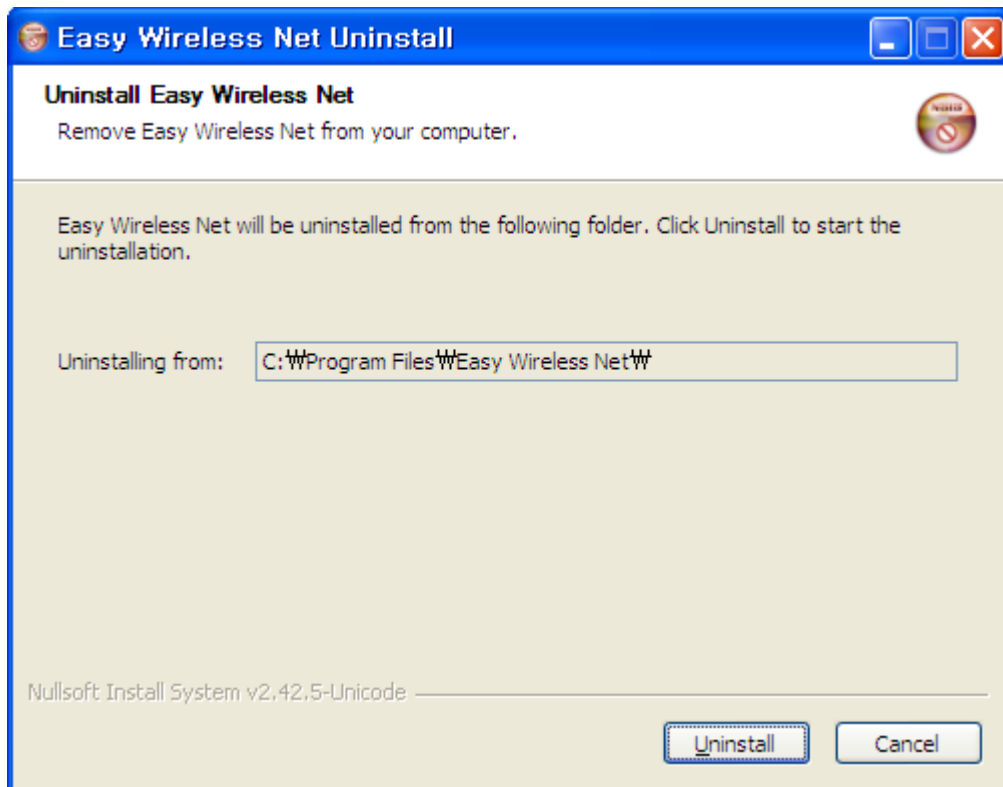


### 5.1.2 Uninstalling Driver and Easy Wireless Net

1) [Start ► Program ► Easy Wireless Net ► Uninstall]



2) By pressing Uninstall button, EWN program will be uninstalled.



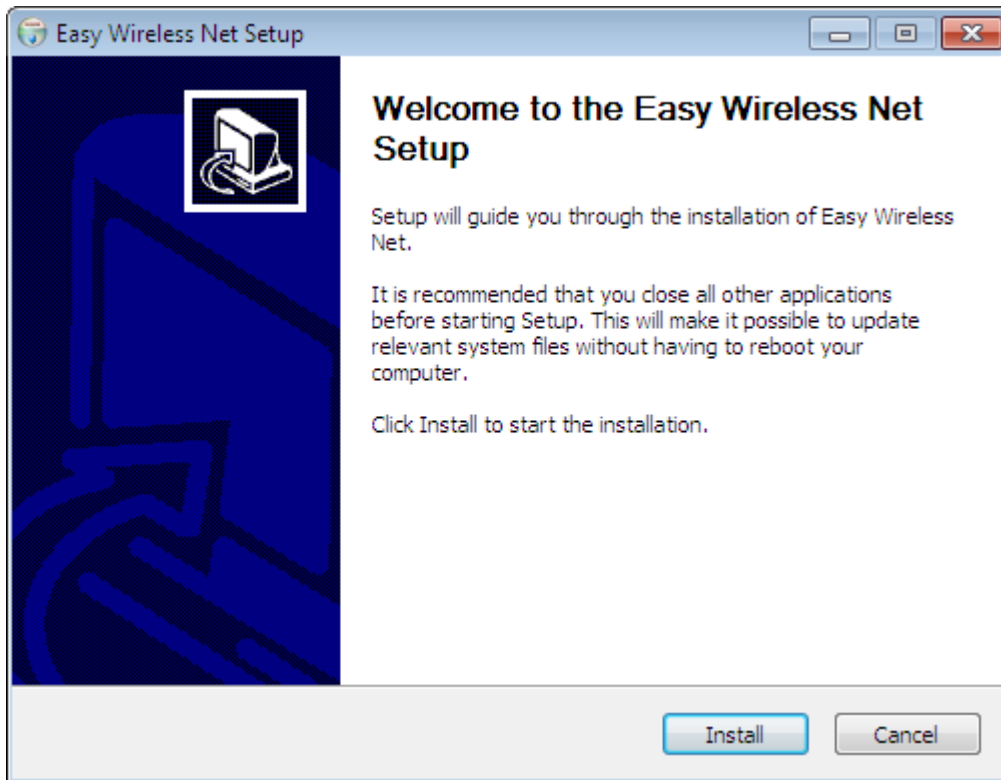
3) The computer must restart after the driver is uninstalled.

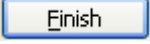


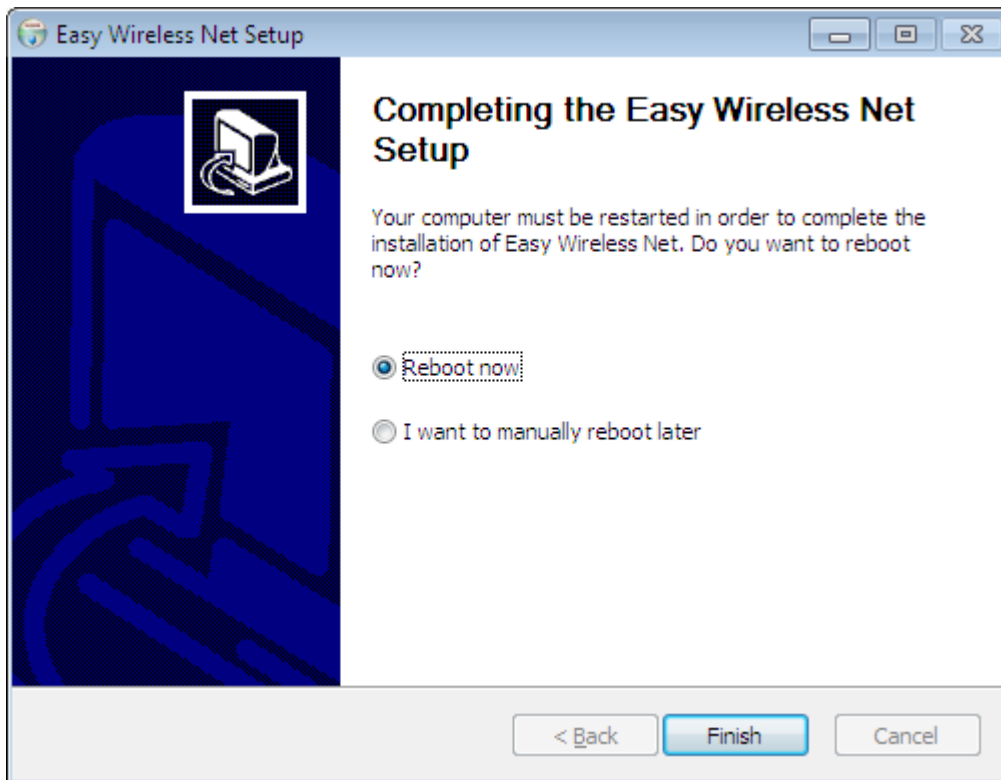
## 5.2 Windows Vista, 7

### 5.2.1 Installing Driver and Easy Wireless Net

- 1) Insert the included CD and follow the instruction.
- 2) You can install Easy Wireless NET Program



- 4) Press  button for ending the program installation.



- 5) The computer needs to restart after the driver installation completed.  
To restart the computer later, select <I want to manually reboot later>.

## &lt;Note&gt;

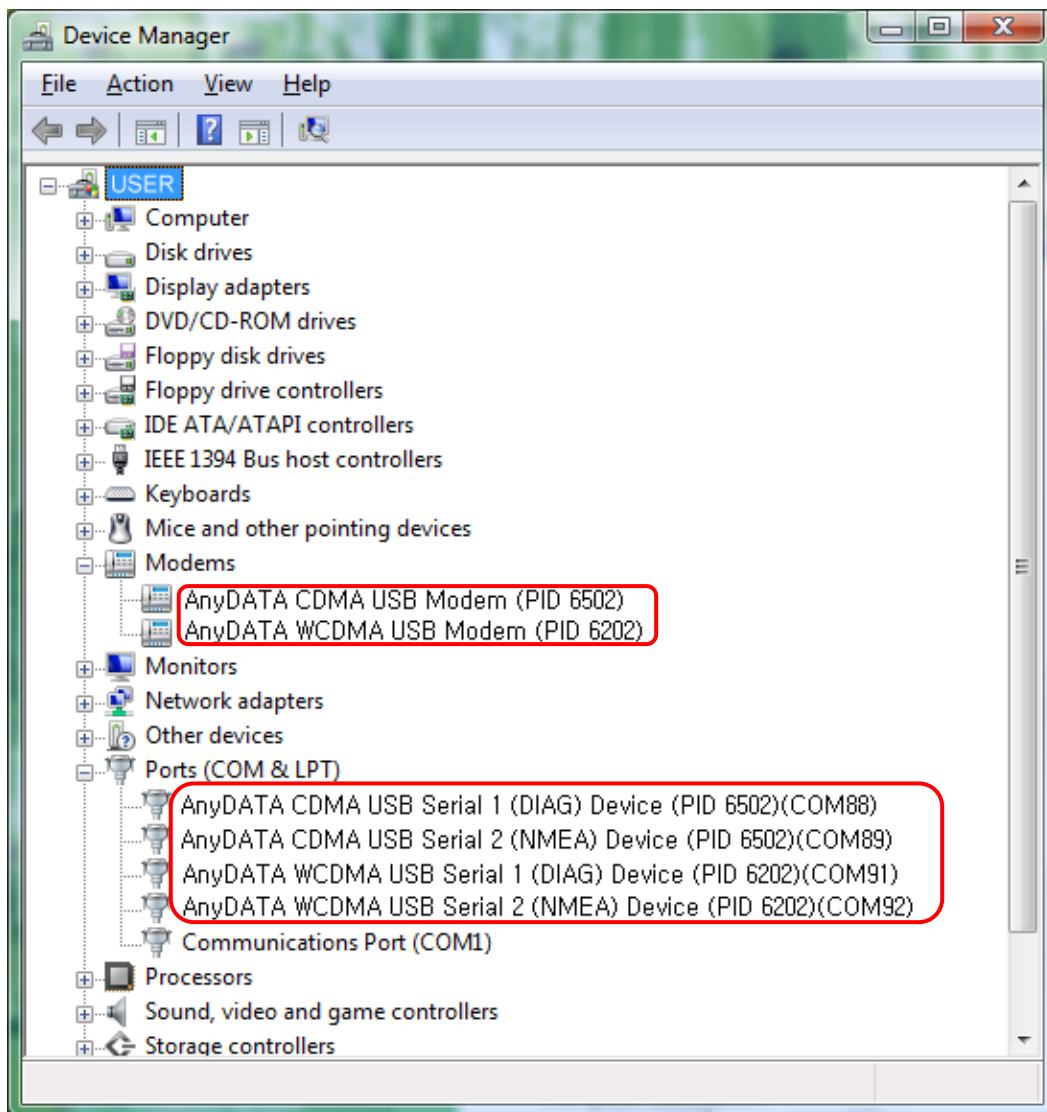
- Connect the modem and PC's USB Port, and check if the driver is installed properly in <Device Manager>. See the followings to the location of <Device Manager>

[Start ► Control Panel ► System ► Hardware Tab ► Device Manager]

As shown in below with red boxed that shows

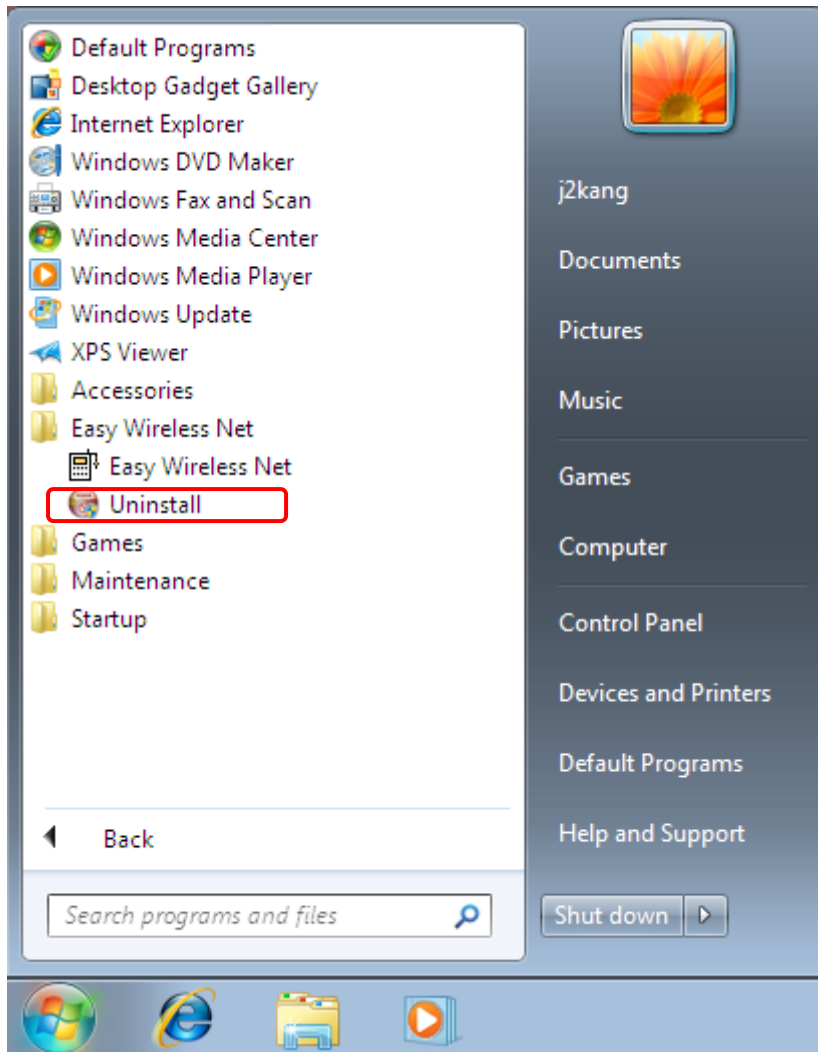
<AnyDATA CDMA USB Modem>, <AnyDATA WCDMA USB Modem>

and <AnyDATA CDMA USB Serial 1/2 Device>, <AnyDATA WCDMA USB Serial 1/2 Device > the driver has been successfully installed.

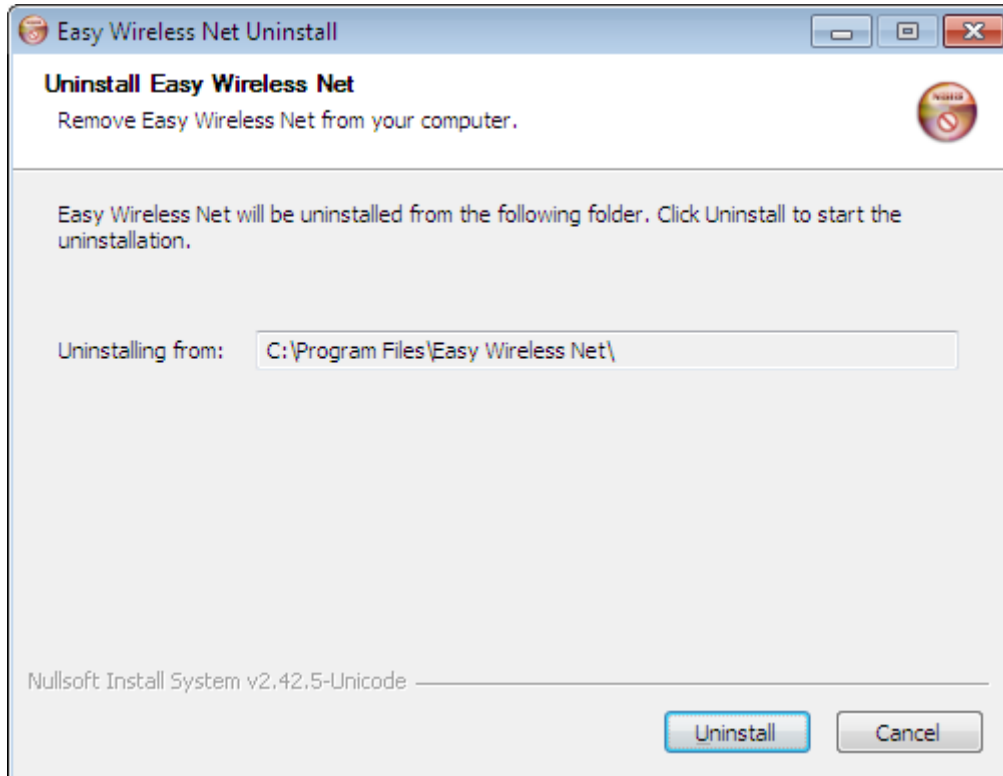


## 5.2.2 Uninstalling Driver and Easy Wireless Net

### 1) [Start ► Programs ► Easy Wireless Net ► Uninstall]



- 2) By pressing Uninstall button, Easy Wireless Net will be uninstalled.



- 3) The computer must restart after the driver is uninstalled.



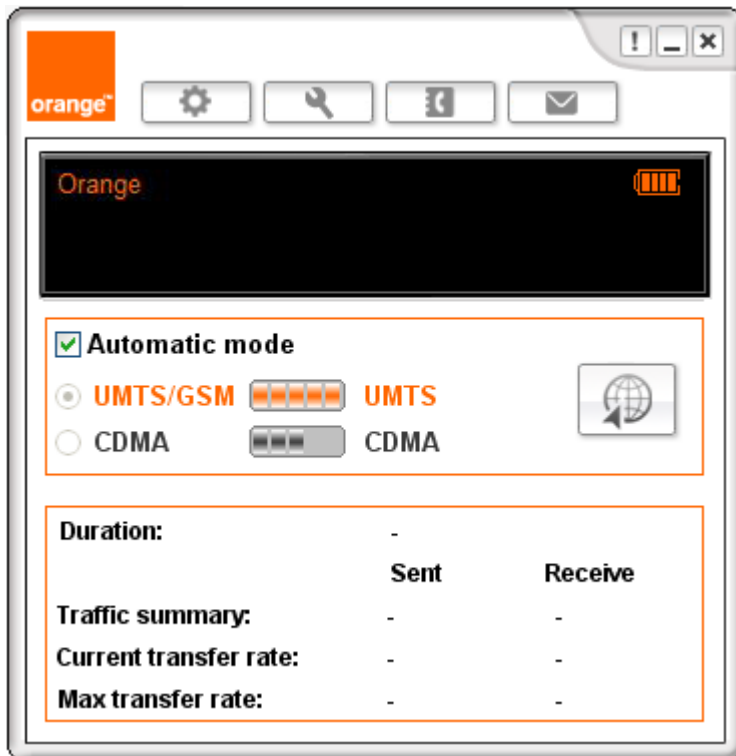



## 6. Launching and shutting down the Easy Wireless Net

### [ Caution ]

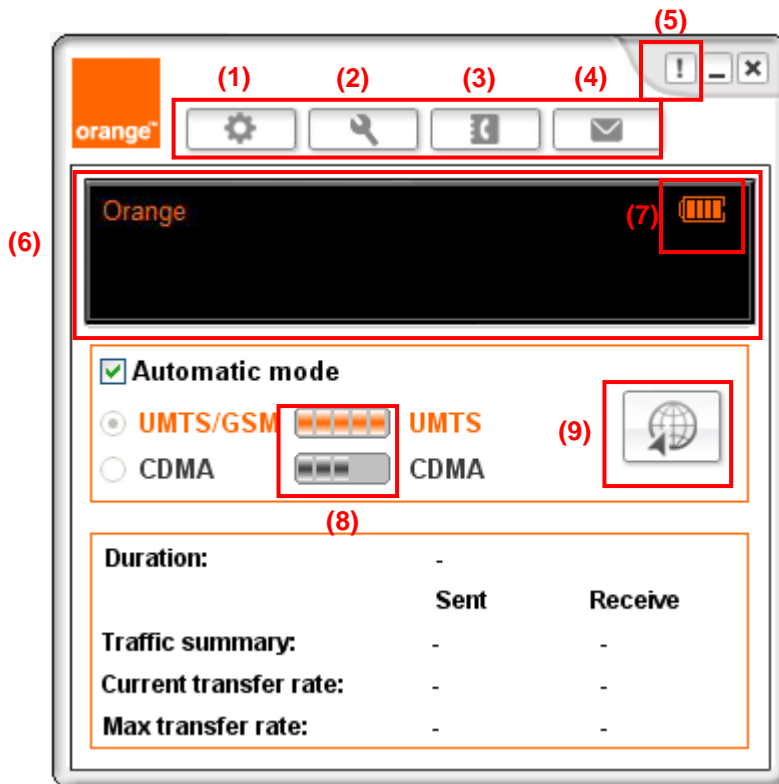
- The battery or external power must be available to the terminal that is connected to PC Before Running Connection Manager.

Connect the modem to PC and double-click the icon  in desktop to display the application.



Click  to shut down the Easy Wireless Net.

## 7. Main screen shot of Easy Wireless Net



(1) Setting menu

(2) Tool menu

(3) About menu

(4) Status / network name display Area

\* Message to be displayed in Status window

- 'Connecting Modem. Please Wait'

Verify the connection with modem.

- 'Initializing Modem'

Retrieve default information (Network, USIM)

- Others


Displays the information of modem and data connection

(5) Battery indicator

(6) Signal strength indicator


(7) Connecting and disconnecting to Internet

## 8. Wireless Internet

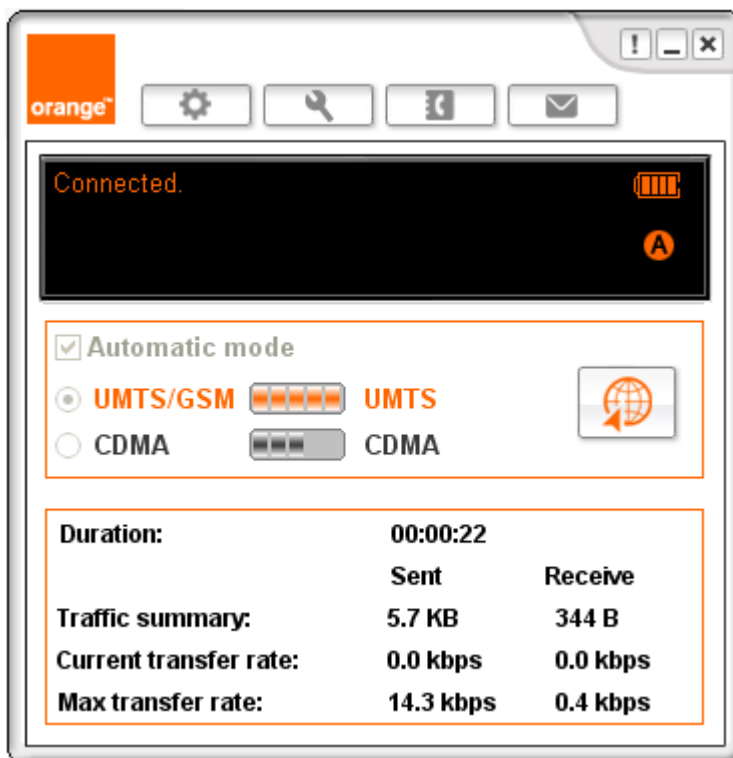
You can connect to Internet by clicking  from the main application screen.

### 8.1 Connecting to Internet

1) Verify that the terminal is in idle state.


2) Click  from the main application screen.

3) Once connecting to Internet is established, the following screen may appear and displays traffic summary and data rate.



\*  is being displayed while connecting to Internet for Automatic Mode

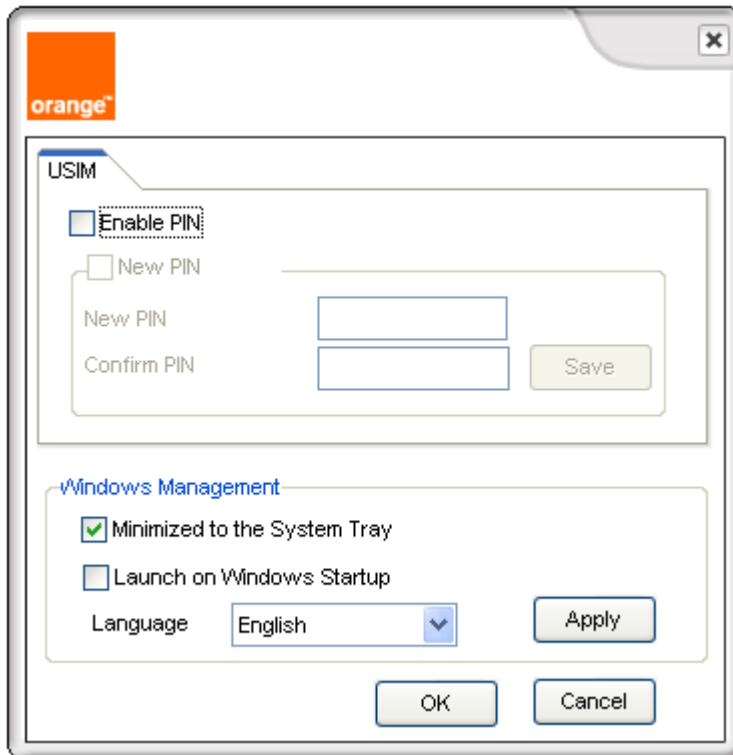
### 8.2 Disconnecting to Internet

1) Click  while connecting to Internet.

2) Connection is being closed with message "Disconnecting to network".

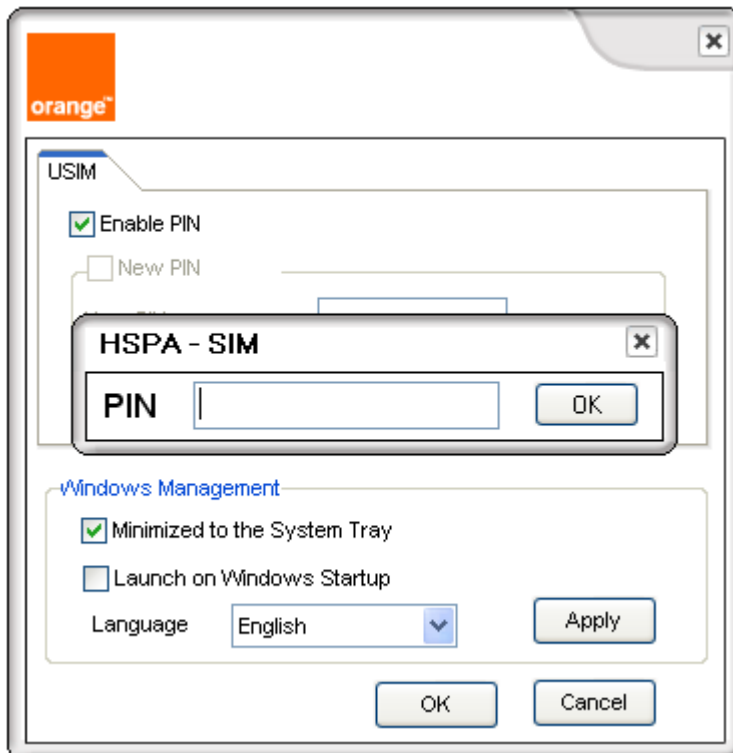
## 9. TOOL


Following are menu to configure USIM



### 9.1 Enabling PIN

- 1) You may be prompted to enter the PIN as below,  
when Enable PIN(Personal Identification Number) checked.



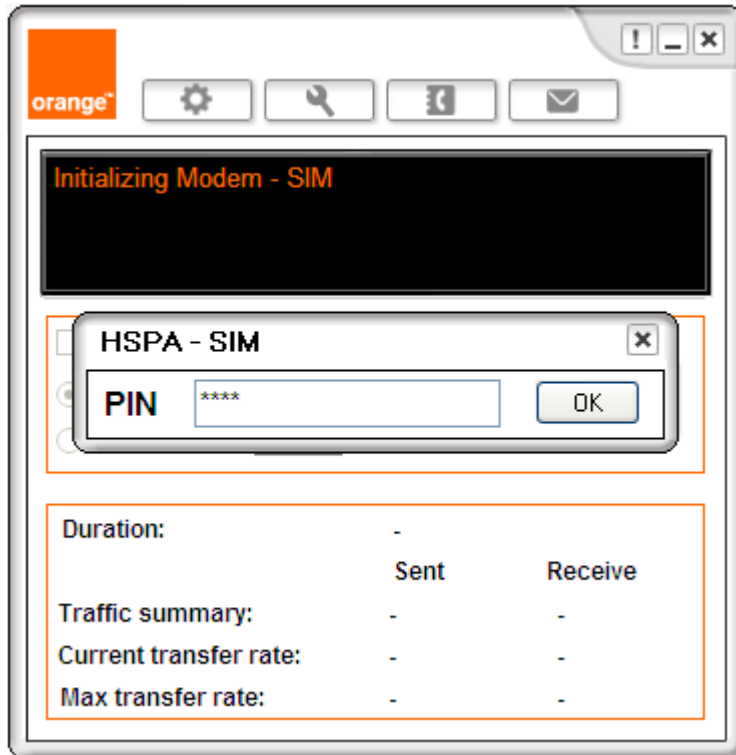
2) Enter the PIN and click .



## 9.2 Entering PIN Code when enabling PIN

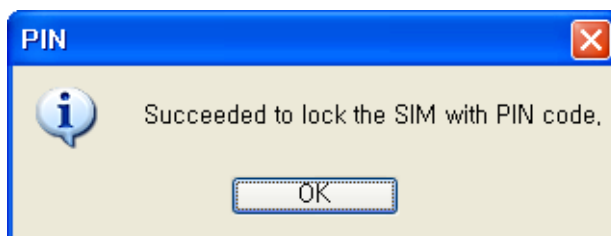
With enabling PIN, enter the PIN code first when using Easy Wireless Net.

\* If PIN is enabled, you will be prompted to enter PIN code after connecting modem to PC and password on. Failure to verify PIN Code will result in access deny to Easy Wireless Net.

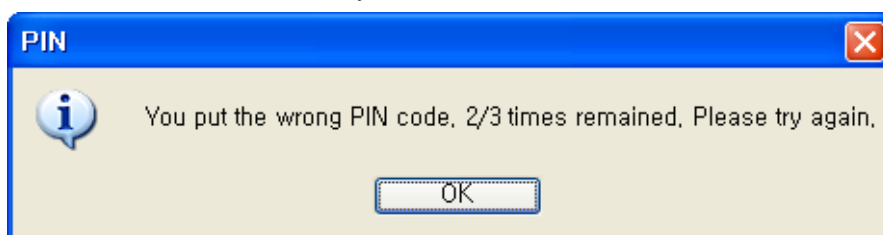


### \* Display when entering PIN

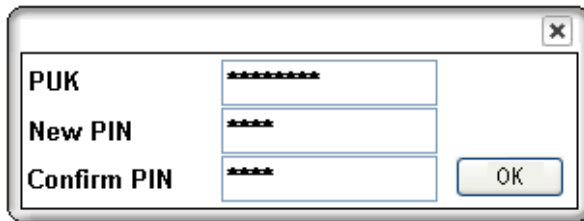
- When PIN was successfully entered




- When PIN was not successfully entered PIN



- Display when PIN has been entered incorrectly 3 times in a row



[PUK setting] procedure

- 1) Enter the [PUK] number that is available in [PUK] USIM card.
- 2) Enter the [New PIN] number you want to change.
- 3) Enter the [Confirm PIN] number that are same as the number entered in [New PIN]
- 4) Click 

**\* PUK (Personal unblocking key)**

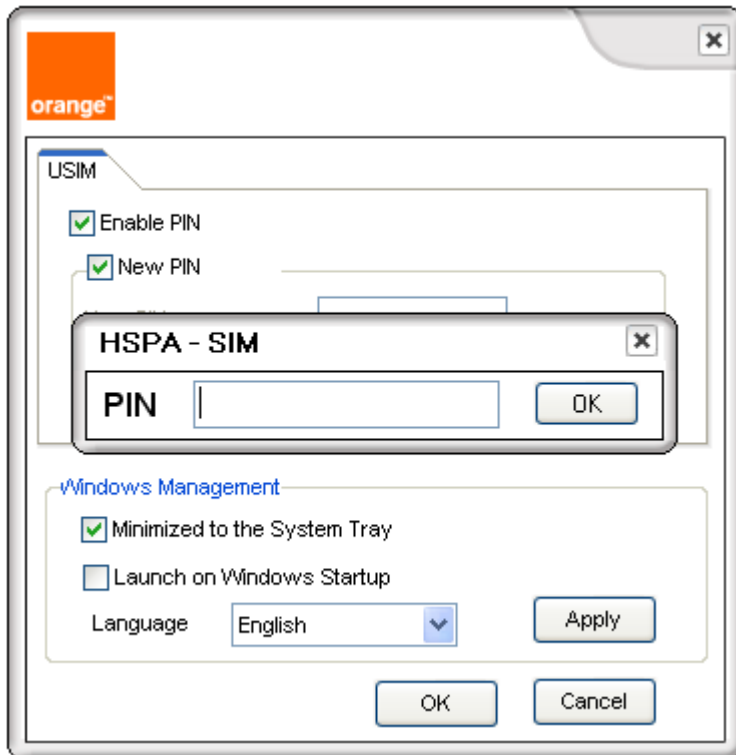
- \* Entering incorrect PIN number 10 times in a row will permanently suspend the USIM card.

In this case, you need to get new USIM card.

(Contact sales shop for details.)

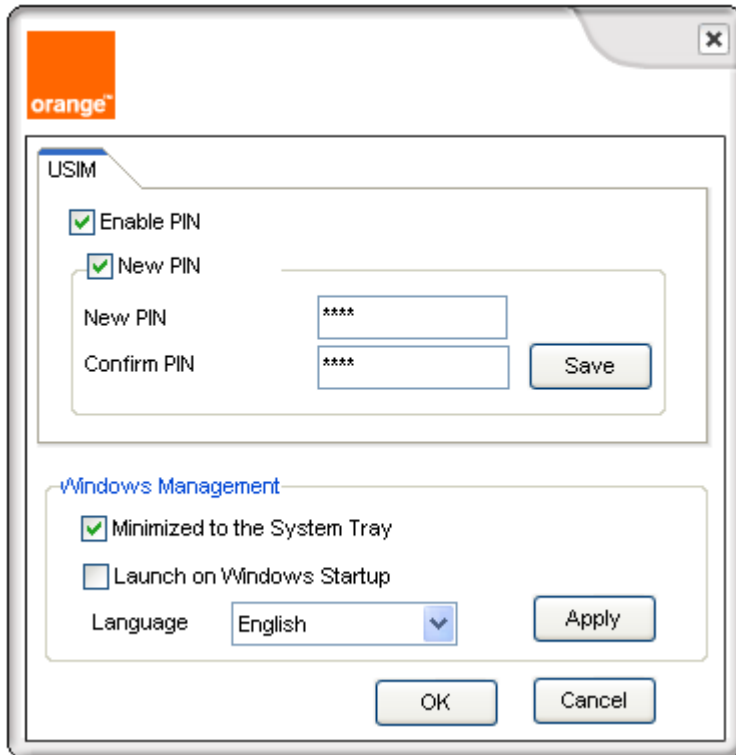
### 9.3 PIN code Change

- 1) Enable PIN.
- 2) Select New PIN and enter PIN Code.





- 3) Enter the PIN you want to change in [New PIN].
- 4) Enter the PIN in [Confirm PIN], same as the PIN entered in [New PIN].



- 5) Click .

\* PIN code is available 4~8 digits.

## 9.4 Cautions with using USIM

Be sure to thoroughly read cautions of the USIM first before setting it up.

### [ Caution ]

- 1) Use USIM card provided by the operator to use this product.
- 2) We are not responsible for any loss of the USIM.
- 3) Do not transfer USIM card to others.
- 4) Take a good care of USIM card as this can be easily damaged from scratching and bending.
- 5) PIN change can be done in PIN locked mode.
- 6) If PIN locked is selected, you can use USIM card only by entering correct PIN after the modem is being powered on.
- 7) Entering incorrect PIN number 3 times in a row will suspend the service.
  - You need to enter PUK(Personal Unblock Key) to reuse.
  - You need to contact the sales shop for entering PUK.
- 8) Entering incorrect PIN number 10 times in a row will permanently suspend the USIM card.

In this case, you need to get new USIM card.
- 9) PIN code will be provided when purchasing USIM card
- 10) Do not insert or remove USIM card while modem is being installed to.
- 11) You must remove USIM Card after removing it from the PC.

## 9.5 Minimized to then System Tray

Set this to position to System Tray when minimizing Tool

## 9.6 Launch on Windows Startup

Set this to be registered under the start program category when restarting Windows


## 9.7 Language selection

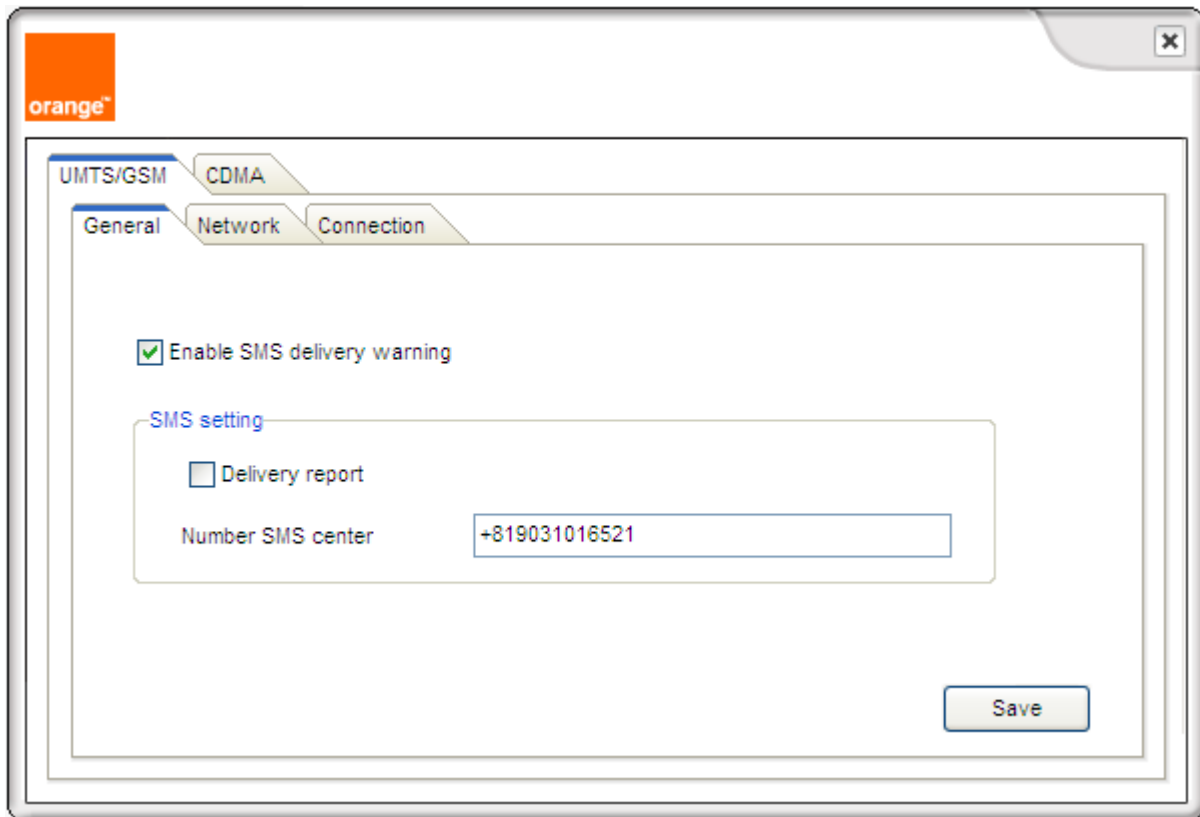
You can select preferred language between English and Polish.

The preferred language will be applied to the EWN by clicking

## 10. Configuration Setting

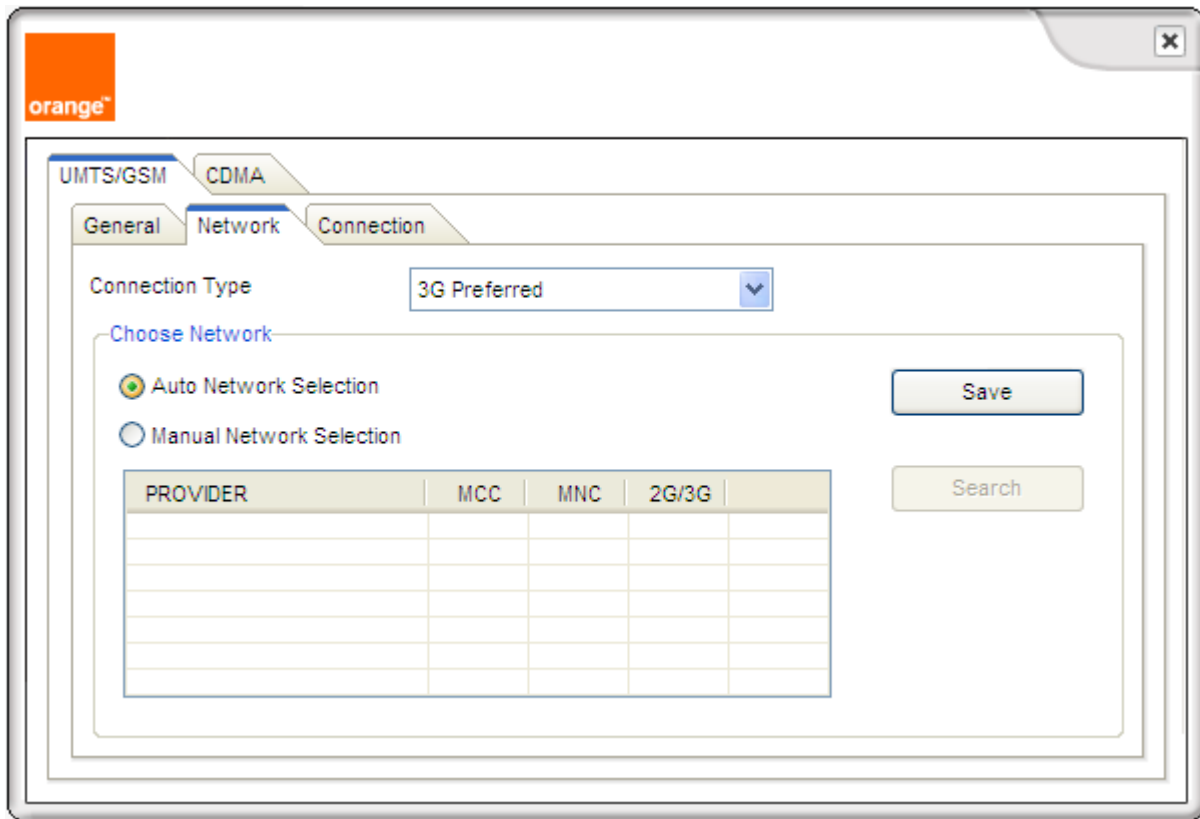
### 10.1 General setting

Click  from the main application to move to Setting.



- 1) Enable SMS delivery Tone : If checked, beep when new sms is received.
- 2) Enable SMS delivery warning : If checked, show balloon message when new sms is received.
- 3) Delivery report : Enable receipt to know delivery status report when receiving SMS
- 4) Number SMS Centre : Edit SMS center address

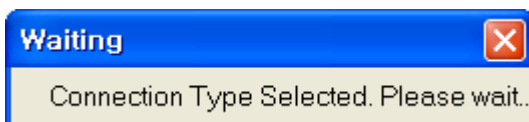
## 10.1 Network setting



Connection Type: Select preferred mode from UMTS mode.

- 3G Preferred
- 3G Only
- GPRS Only

\* You need to select Connection Type above.



### 10.3 Choose Network

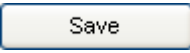
This is to choose either Auto Network Selection or Manual Network Selection.

#### - Auto Network Selection

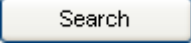
Enable the terminal to configure the network automatically depending on connection type.

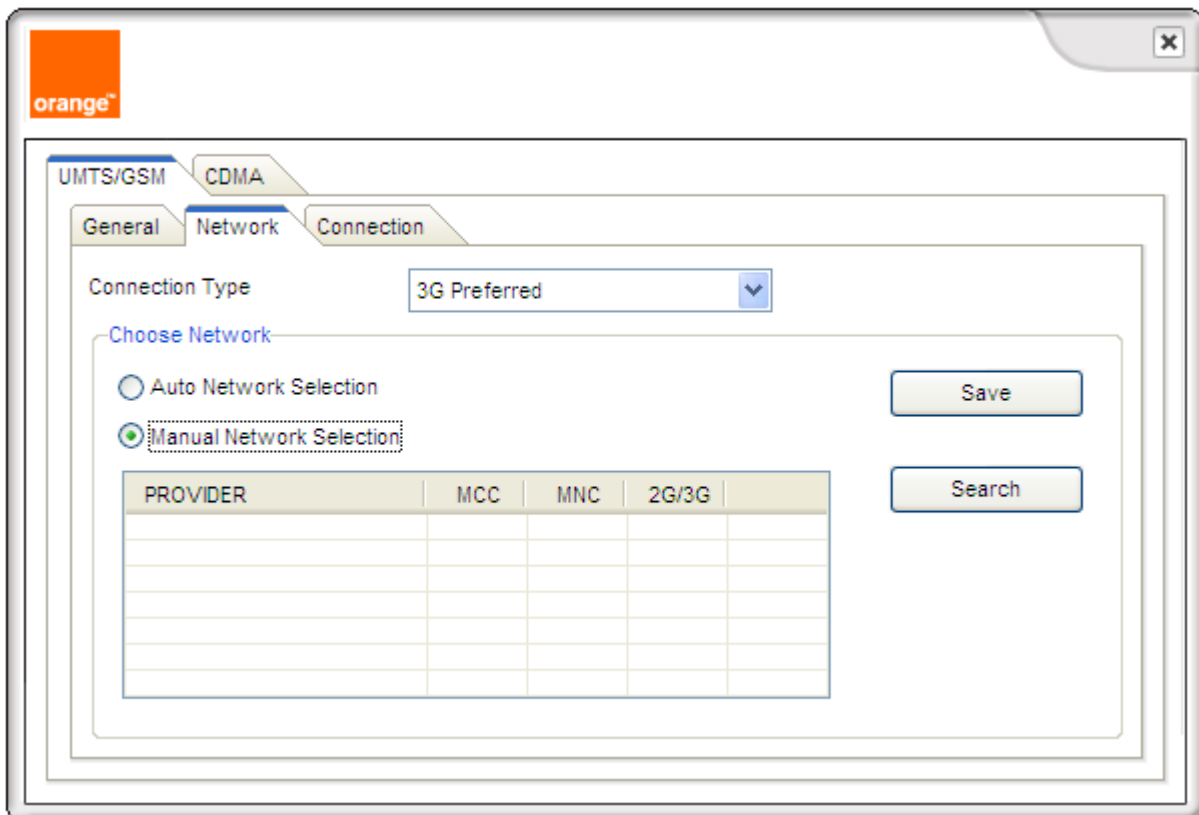
#### - Manual Network Selection

Enable the terminal to display available network as below. Also enable you to select the desired

network and save it by clicking 

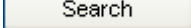
(However, the available network can be searched only for the connection type of 3G only or GPRS only)

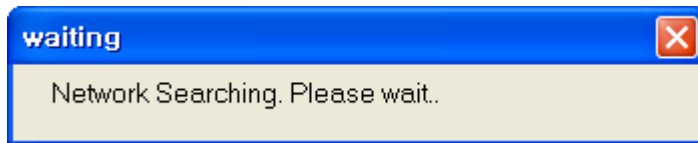
- 1)  becomes active when Manual Network Selection selected



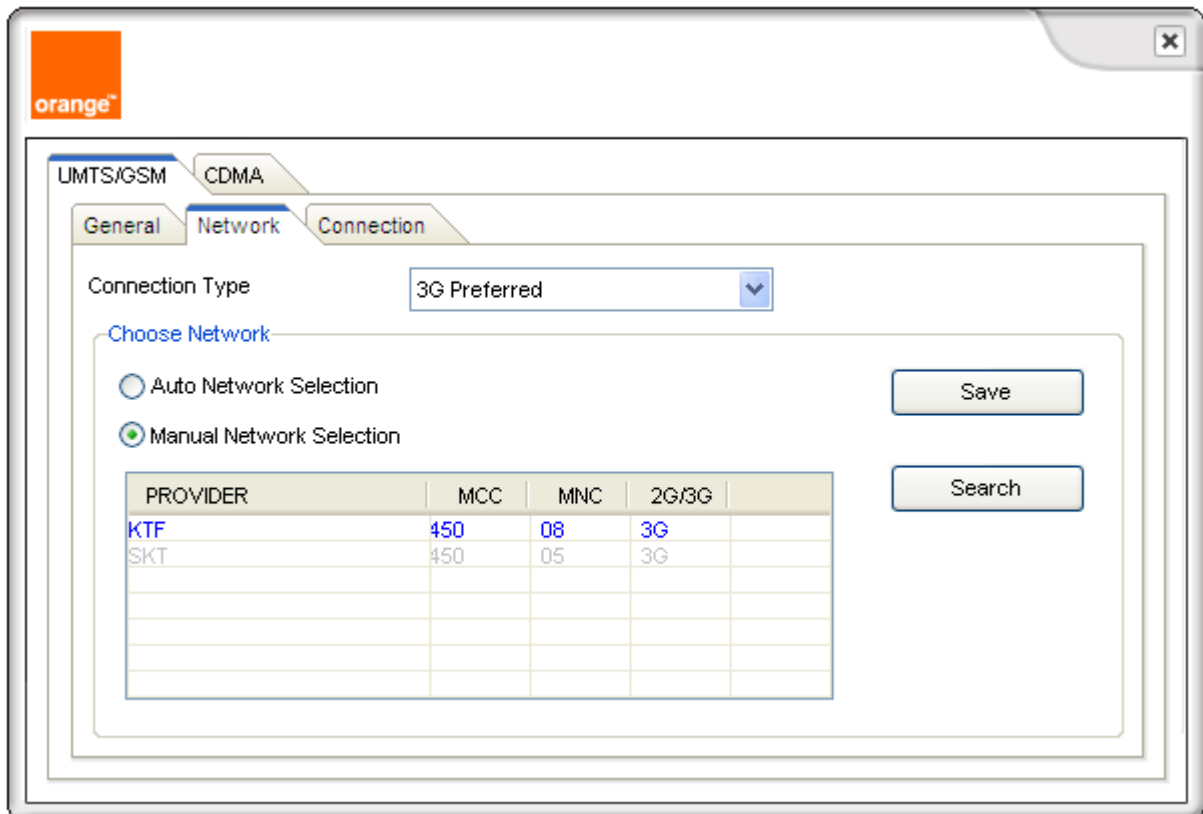
The screenshot shows the 'orange' network configuration window. It has tabs for 'UMTS/GSM' and 'CDMA'. Under 'UMTS/GSM', there are sub-tabs for 'General', 'Network', and 'Connection'. The 'Network' sub-tab is selected. In the 'Network' sub-tab, there is a 'Connection Type' dropdown menu set to '3G Preferred'. Below this, there is a 'Choose Network' section with two radio buttons: 'Auto Network Selection' and 'Manual Network Selection'. The 'Manual Network Selection' radio button is selected. To the right of these radio buttons are 'Save' and 'Search' buttons. Below the radio buttons is a table with the following columns: 'PROVIDER', 'MCC', 'MNC', '2G/3G', and an empty column. The table is currently empty.

PROVIDER	MCC	MNC	2G/3G	


2) The available network will be found when  clicked.



3) Following result appears after network searching.

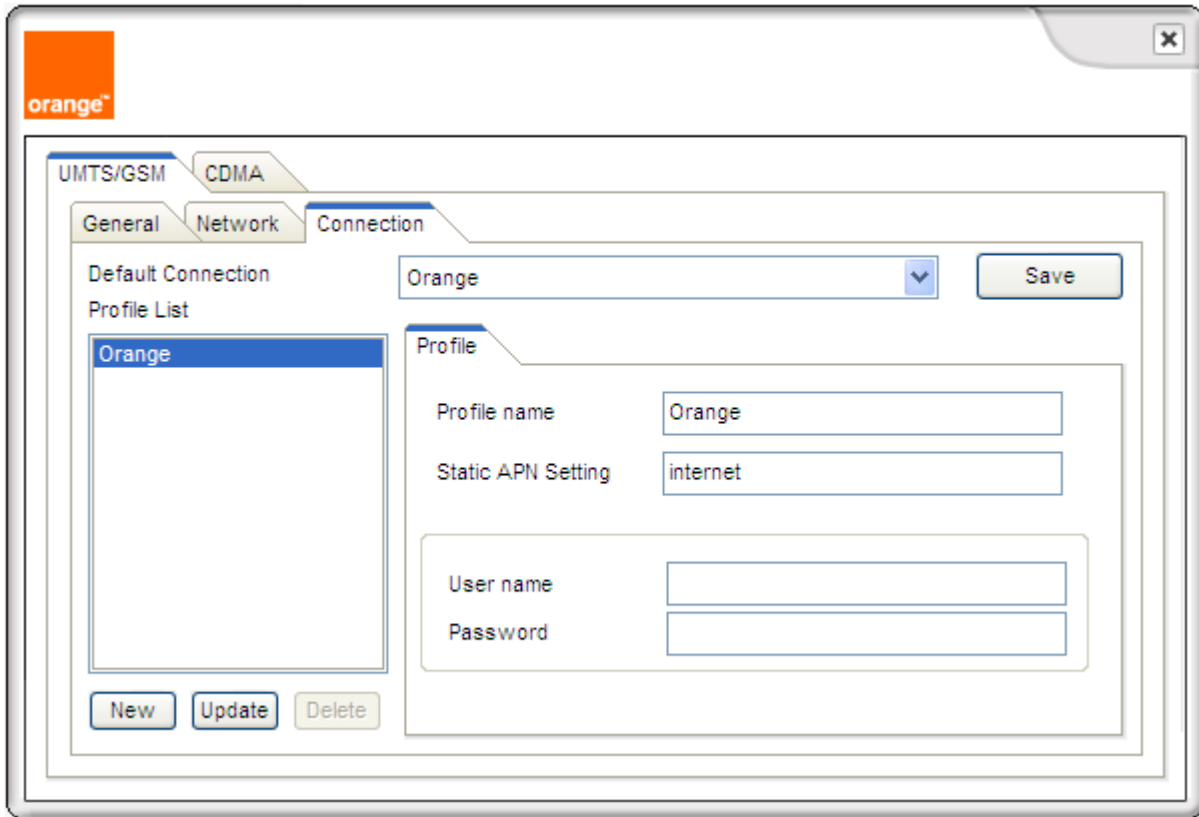


- The grey list is forbidden list and not selectable.

4) The  button becomes active when the desired network selected,

and click  to save the configuration.

## 10.4 Connection Setting



The screenshot shows the 'Connection' tab of the AnyDATA software interface. The window has a title bar with the 'orange' logo and a close button. Inside, there are tabs for 'UMTS/GSM' and 'CDMA', and sub-tabs for 'General', 'Network', and 'Connection'. The 'Connection' sub-tab is active. It features a 'Default Connection' dropdown menu set to 'Orange' and a 'Save' button. Below this is a 'Profile List' table with one entry, 'Orange'. At the bottom left are 'New', 'Update', and 'Delete' buttons. On the right, a 'Profile' section contains input fields for 'Profile name' (Orange), 'Static APN Setting' (internet), 'User name', and 'Password'.

Profile List	
Orange	

Buttons: New, Update, Delete

Profile Settings:

- Profile name: Orange
- Static APN Setting: internet
- User name:
- Password:

### 10.4.1 Adding Profile list

#### 1) Setting profile

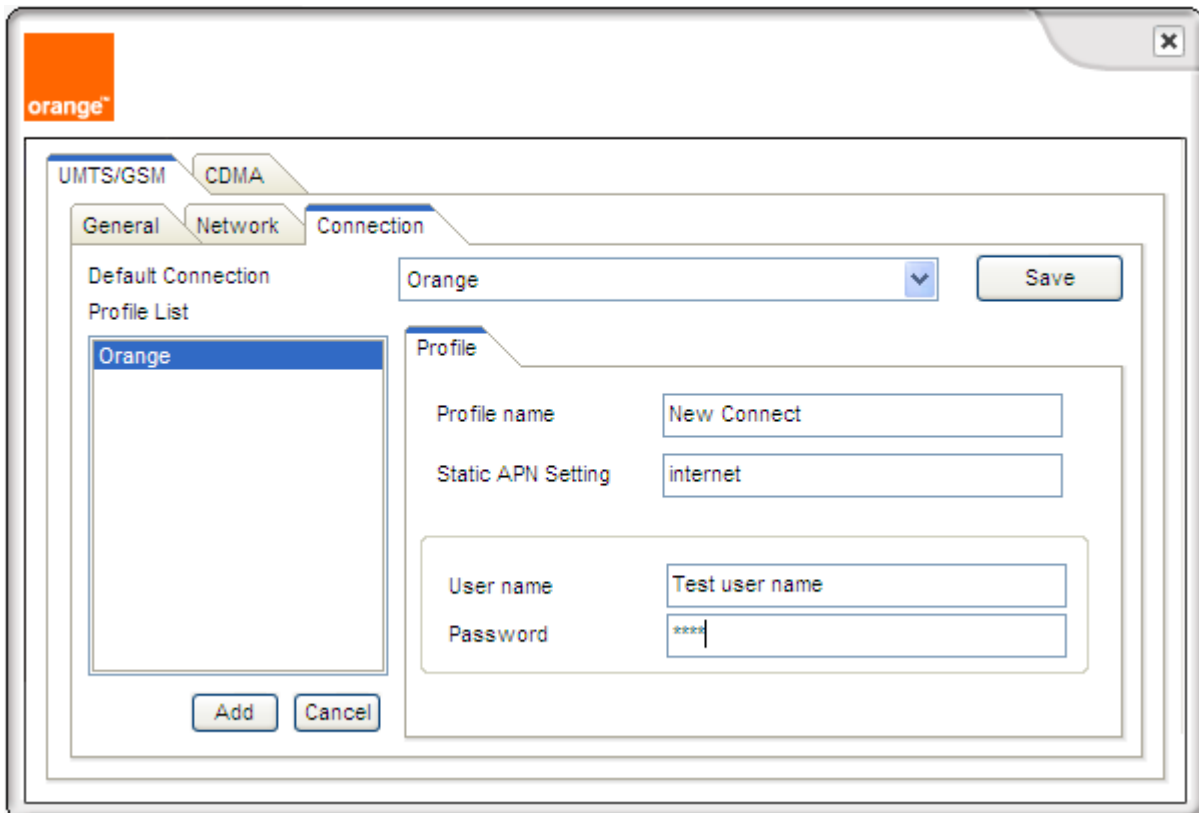
Default profiles is Orange and will be not editable.

UMTS/GSM profile can be made available up to 16 lists.

\* Click  in Profile List, and then Profile tab remains active.

\* Enter the desired profile name in Profile Name text field.


- APS : Setting parameters related to authentication.
- User name : User name
- Password : Password

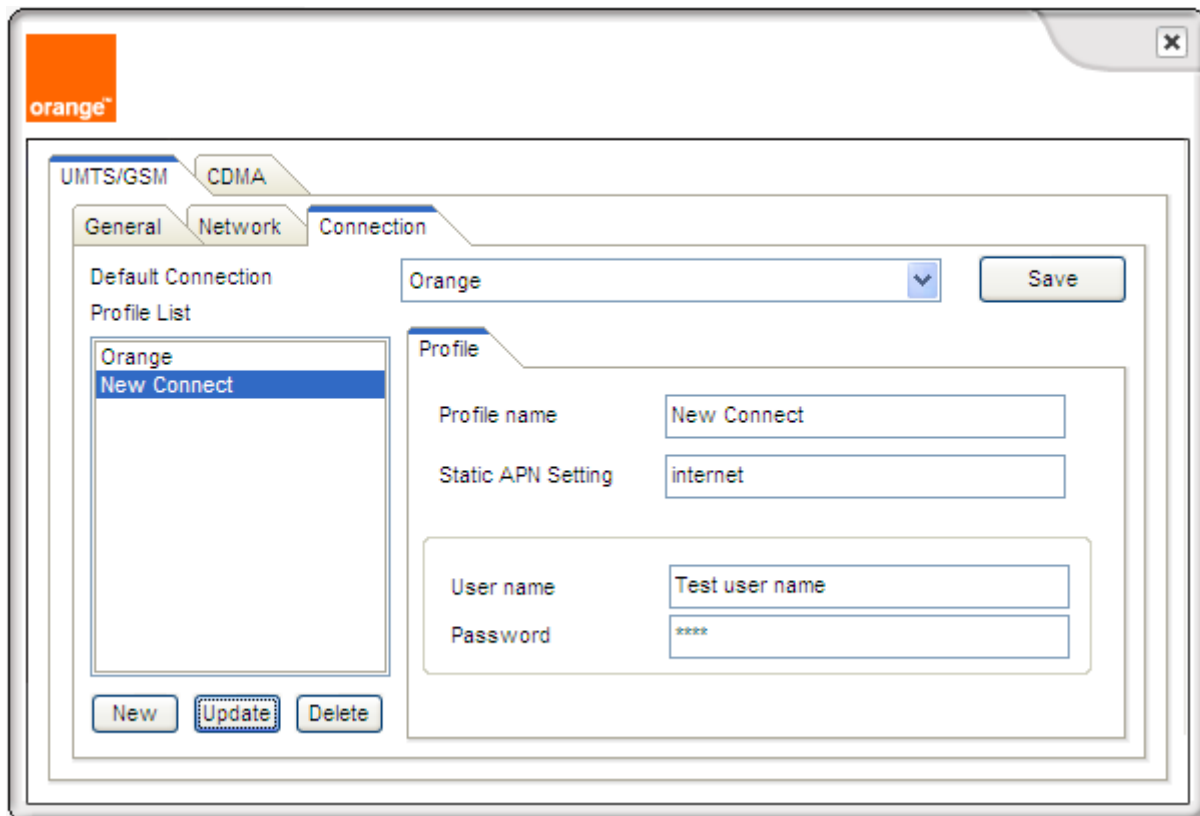


The screenshot shows the AnyDATA software interface with the 'orange' logo in the top left corner. The main window has two tabs: 'UMTS/GSM' and 'CDMA'. The 'UMTS/GSM' tab is active, and within it, the 'General' sub-tab is selected. The 'Profile List' section on the left shows a list with 'Orange' as the only entry. Below this list are 'Add' and 'Cancel' buttons. The 'Connection' sub-tab is also visible. The 'Default Connection' dropdown menu is set to 'Orange', with a 'Save' button next to it. The 'Profile' section on the right contains the following fields:

- Profile name:** New Connect
- Static APN Setting:** internet
- User name:** Test user name
- Password:** \*\*\*\*

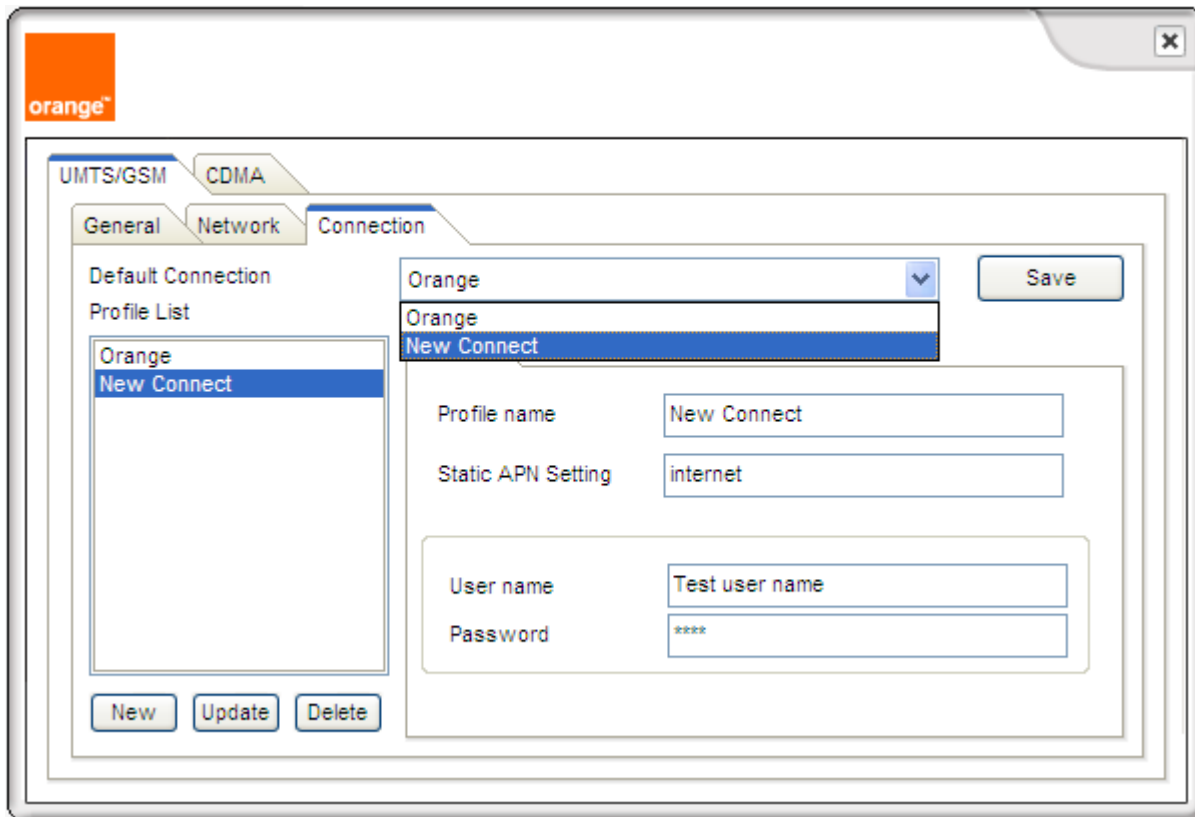


2) New profile will be created when  selected under the Profile List.



### 10.4.2 Selecting Profile

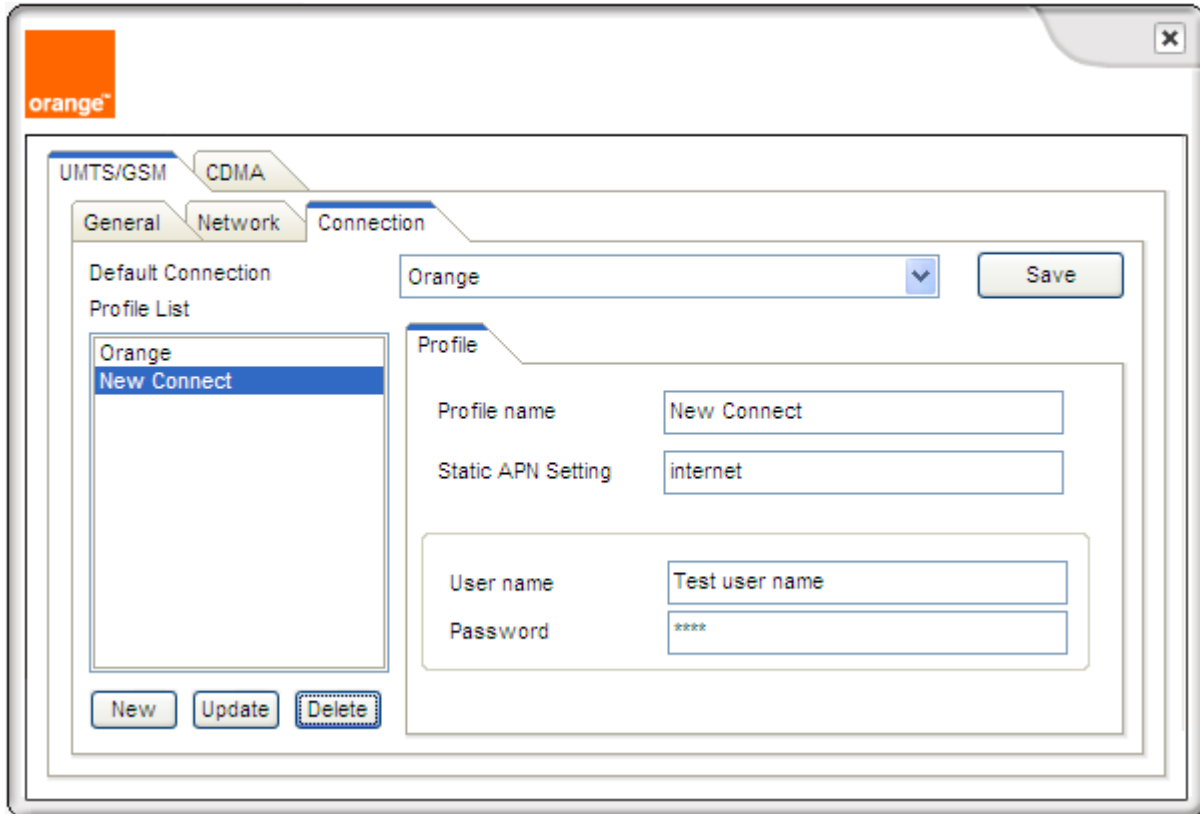
1) Select the desired profile from the Default Connection.



2) Click  beside default connection.

### 10.4.3 Deleting Profile

- 1) Select the desired profile from the Profile List



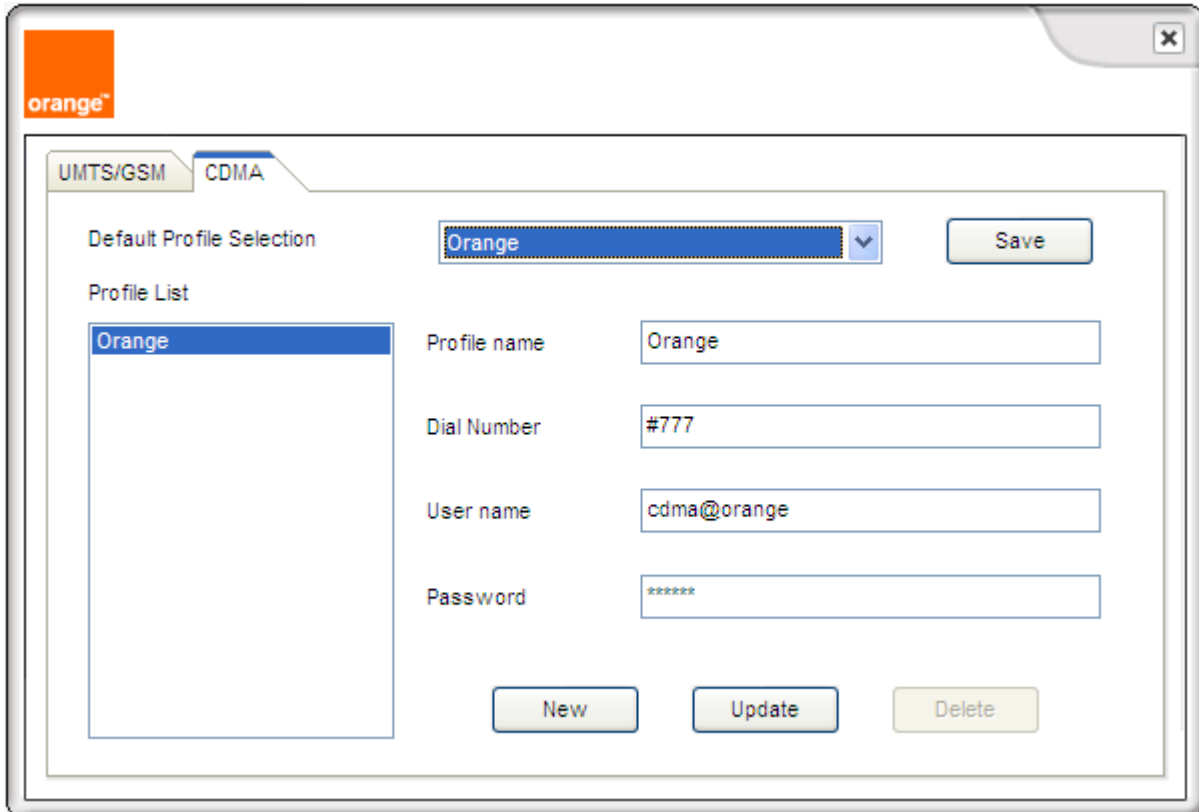
- 2) Click 


## 10.5 CDMA Setting

### 10.5.1 Adding Profile list

Default profiles is Orange and will be not editable.

CDMA profile can be made available up to 10 lists.



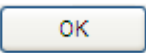
Click  in Profile List, and then Profile tab remains active and the following screen will appear.

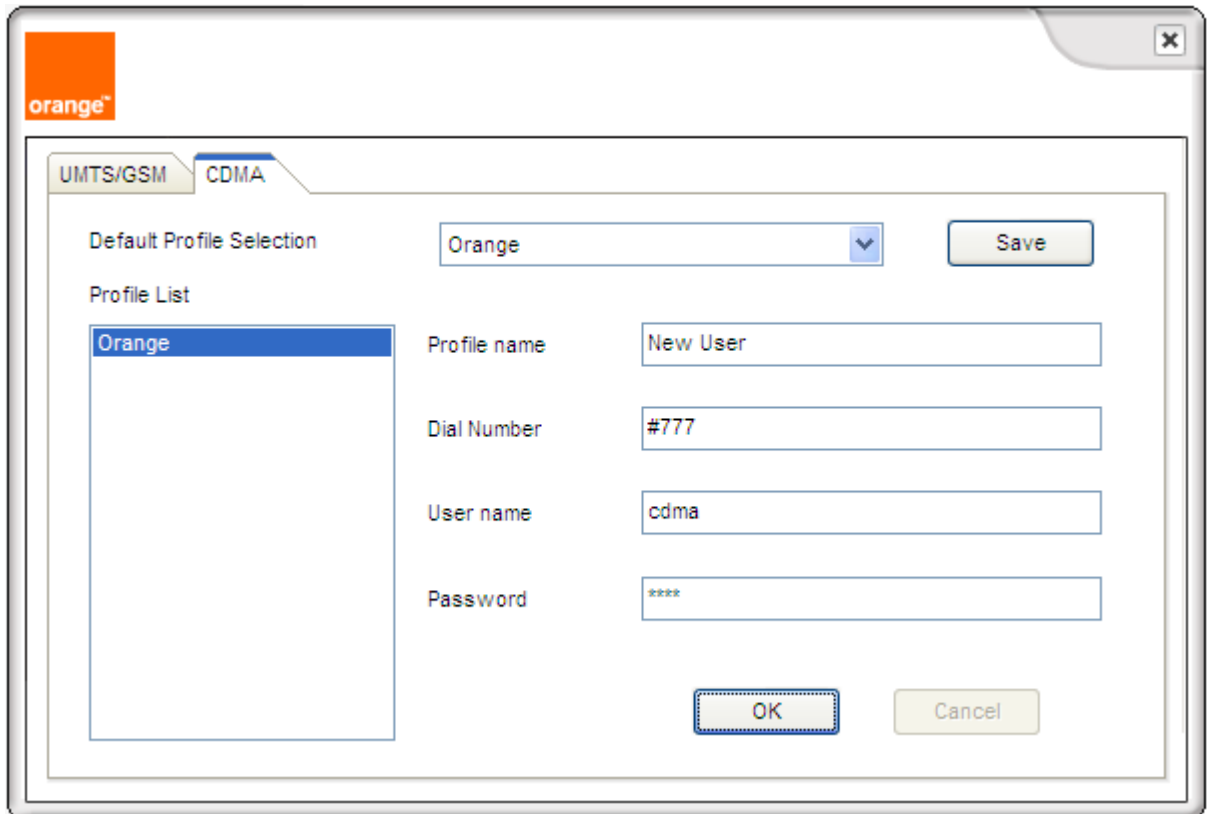
\* Enter the desired profile name in Profile Name text field

Dial number: Dial number

User name: .User name

Password: Password

New profile will be created when  clicked.



The screenshot shows a software window titled 'orange' with a close button in the top right corner. Inside the window, there are two tabs: 'UMTS/GSM' and 'CDMA'. The 'CDMA' tab is selected. Below the tabs, there is a 'Default Profile Selection' section with a dropdown menu showing 'Orange' and a 'Save' button. Underneath is a 'Profile List' section with a list box containing 'Orange'. To the right of the list box are four input fields: 'Profile name' with the text 'New User', 'Dial Number' with the text '#777', 'User name' with the text 'cdma', and 'Password' with the text '\*\*\*\*'. At the bottom of the window are two buttons: 'OK' and 'Cancel'.

- For EVDO connection, User Name and Password will be made available by the Network Operator.

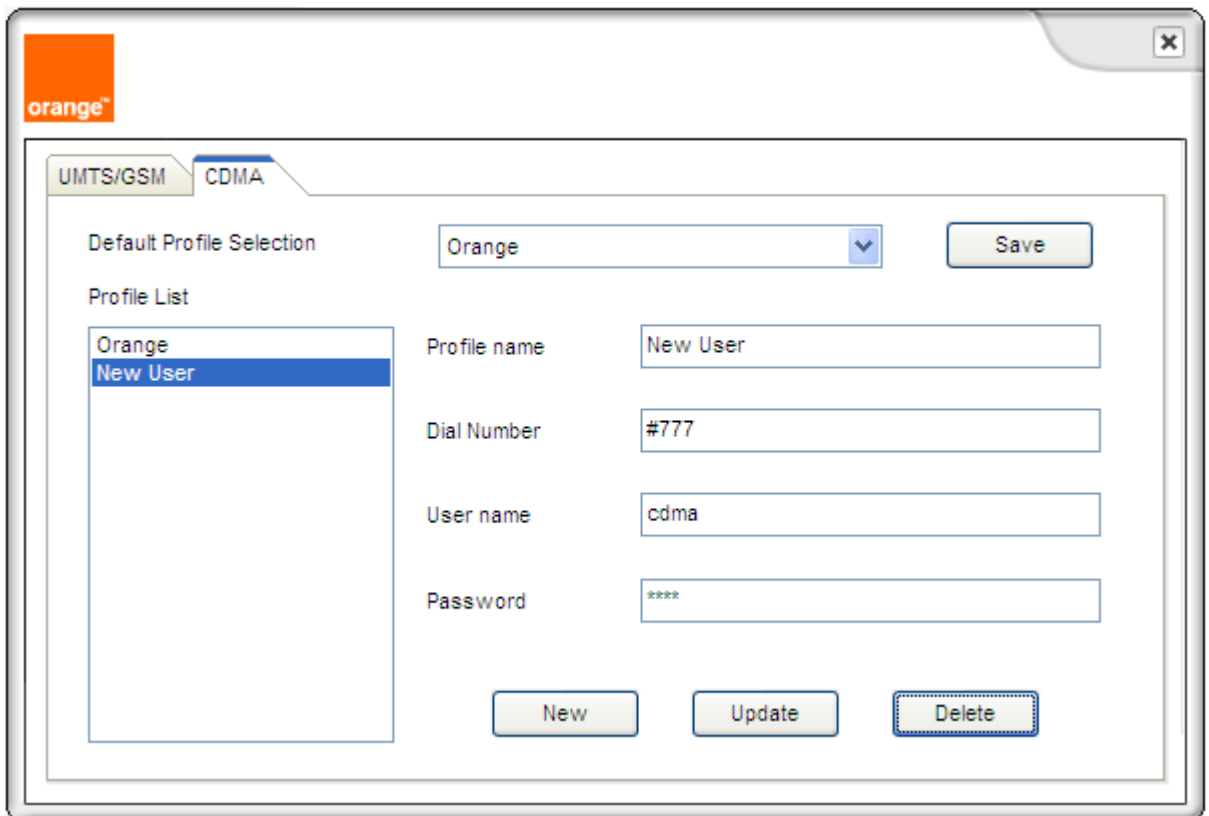
### 10.5.2 Updating Profile

The screenshot shows a software window titled "orange™" with a close button in the top right corner. Inside the window, there are two tabs: "UMTS/GSM" and "CDMA". The "CDMA" tab is selected. Below the tabs, there is a "Default Profile Selection" section with a dropdown menu showing "Orange" and a "Save" button. To the left of the form fields is a "Profile List" box containing two entries: "Orange" and "New User", with "New User" selected. To the right of the list are four input fields: "Profile name" (containing "New User"), "Dial Number" (containing "#777"), "User name" (containing "cdma"), and "Password" (containing "\*\*\*\*"). At the bottom right of the form are three buttons: "New", "Update" (which is highlighted with a dashed border), and "Delete".

Select profile list and revise desired filed and click 

### 10.5.3 Deleting Profile

Select the desired profile from the Profile List

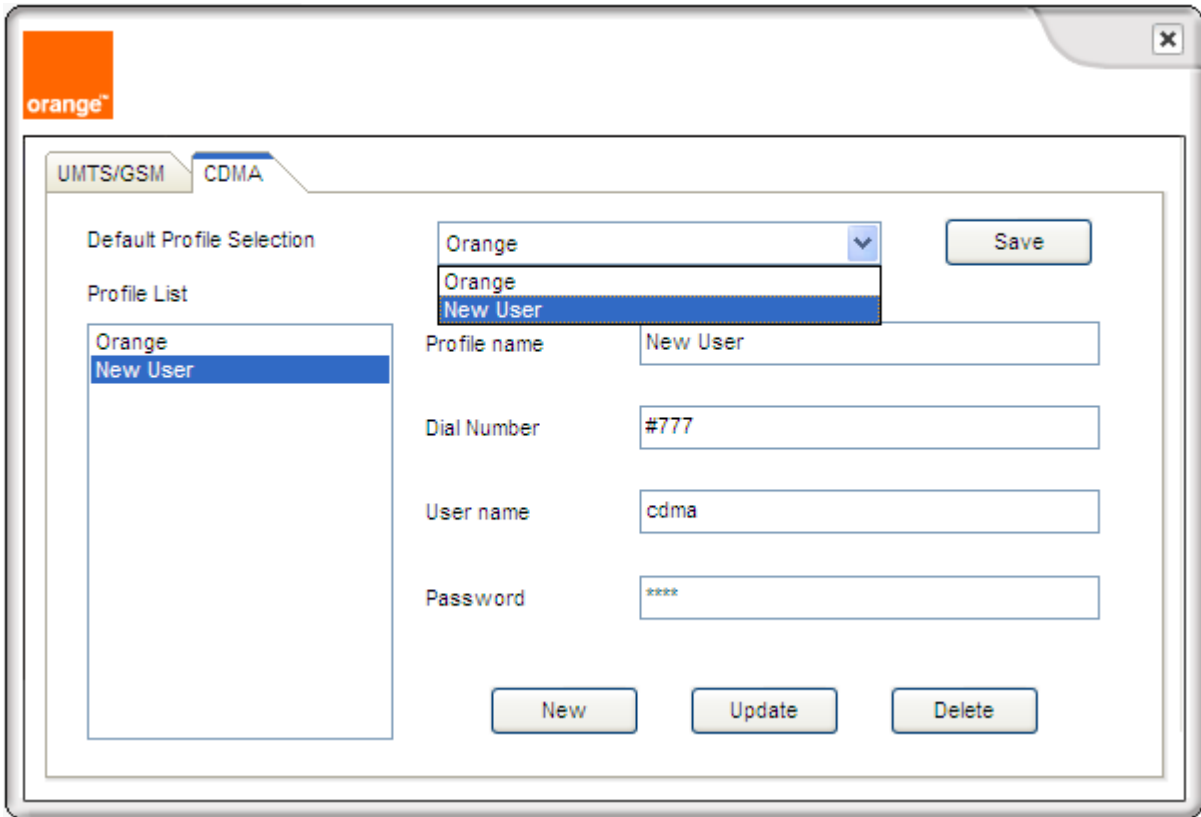


The screenshot shows a software window with the 'orange' logo in the top left. It has two tabs: 'UMTS/GSM' and 'CDMA', with 'CDMA' being the active tab. Inside the window, there is a 'Default Profile Selection' dropdown menu currently showing 'Orange', and a 'Save' button to its right. Below this is a 'Profile List' which is a scrollable list containing 'Orange' and 'New User', with 'New User' highlighted. To the right of the list are four input fields: 'Profile name' (containing 'New User'), 'Dial Number' (containing '#777'), 'User name' (containing 'cdma'), and 'Password' (containing '\*\*\*\*'). At the bottom of the window are three buttons: 'New', 'Update', and 'Delete'.

Click

Delete

## Default Profile Selection




Select the desired profile from the Default Connection and it will saved after

clicking 



## 11. Battery Warning

The current battery level will be displayed in the main screen as show below.

The battery icon will blink and the warning message when the battery icon indicate level 0  
(  )

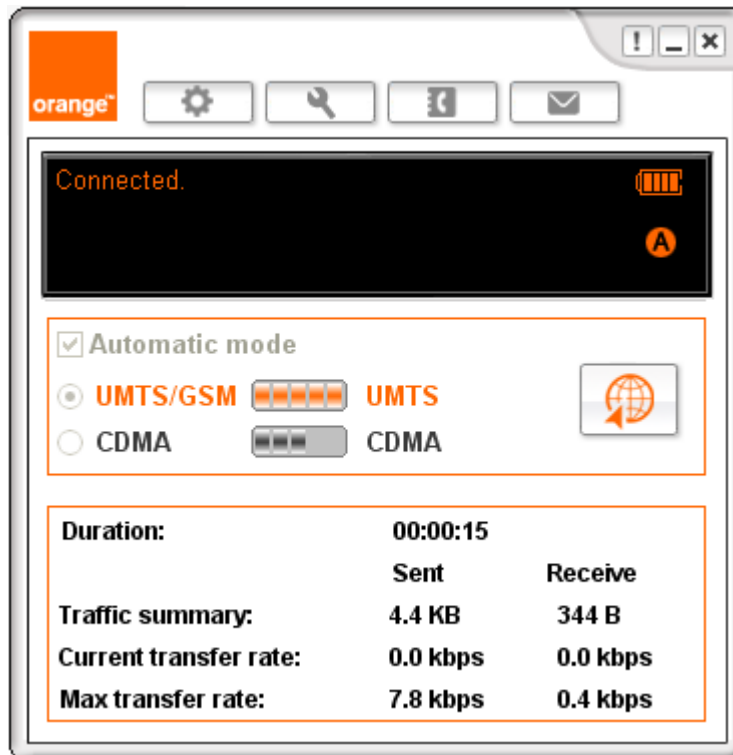


## 12. Network Switching for data connection

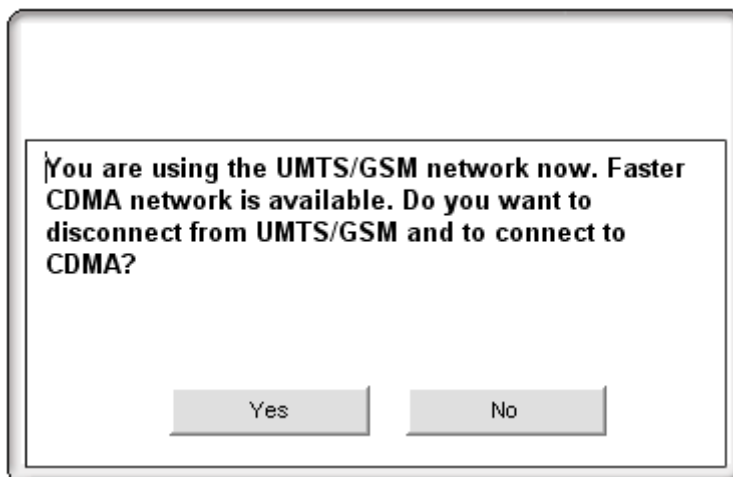
ADU-770WA is available in both UMTS/GSM and CDMA

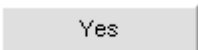
The network can be transferred for faster and more stable data transmission under automatic mode

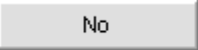
### 1) Switching from UMTS/GSM to CDMA



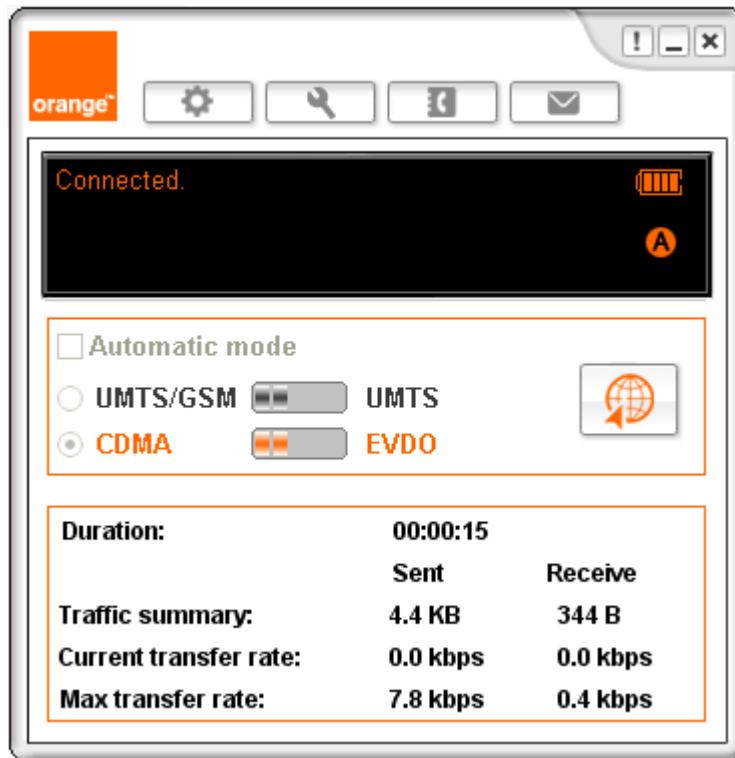
The following message will appear automatically depending on network preference or specific condition



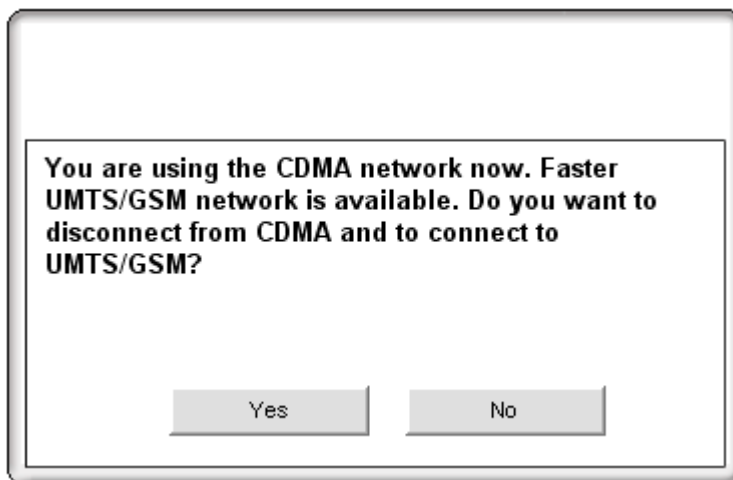
Click  : Data connection to UMTS/GSM will be closed and it will converted to CDMA network

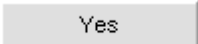
Click  : The data connection will be continued unless user try to disconnect and re-connect current network manually.

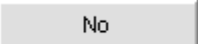
## 2) Switching from CDMA to UMTS/GSM



The following message will appear automatically depending on network preference or specific condition



Click  : Data connection to UMTS/GSM will be closed and it will converted to UMTS/GSM network

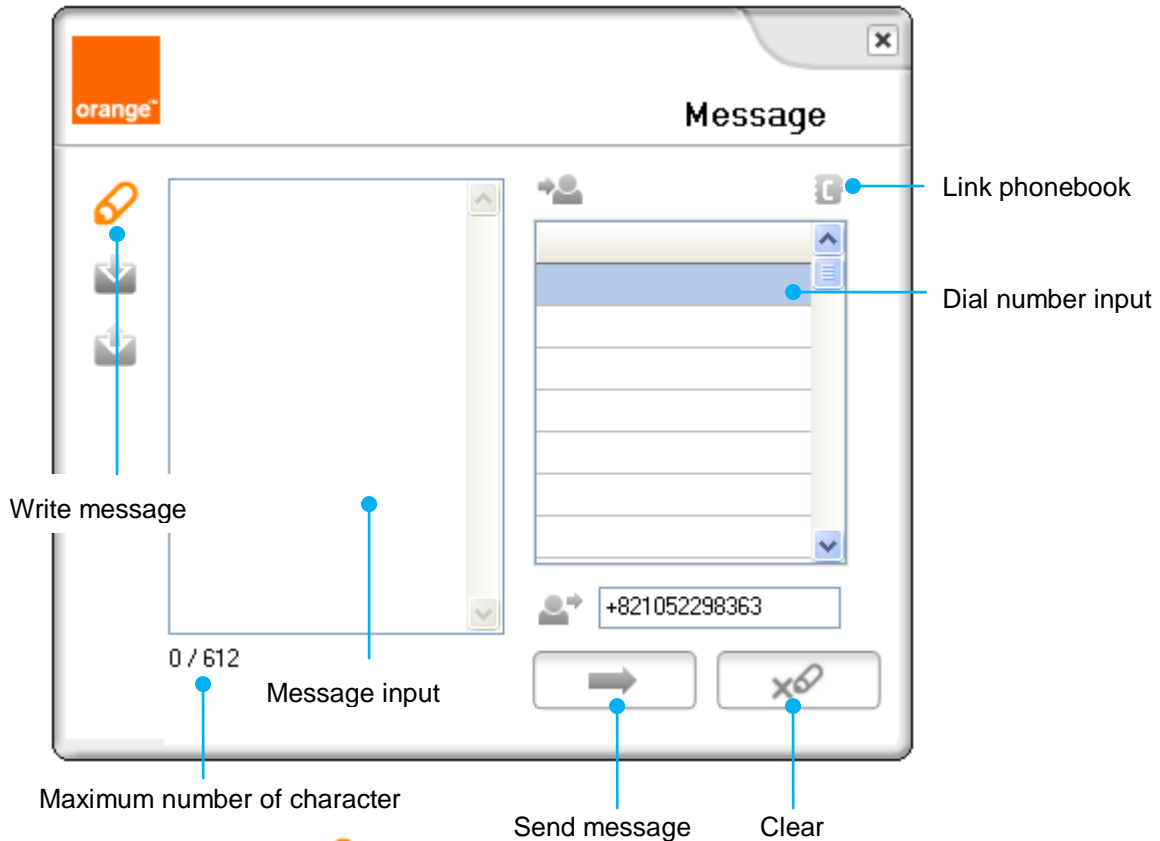
Click  : The data connection will be continued unless user try to disconnect and re-connect current network manually.


.  
Notice) Network switching can be failed sometime due to network status.  
The pc can be damaged by frequent network switching.

### 13. SMS Sending and receiving


Click SMS() on main screen.

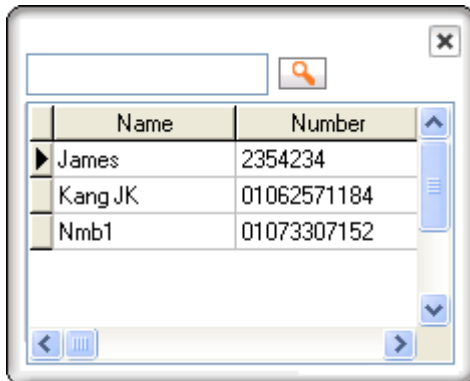
#### ■ Writing New Message



1. Click 'Write Message' (.
2. Enter the messages in 'Message input' box.
3. Enter the dial number in 'Dial number input' box.

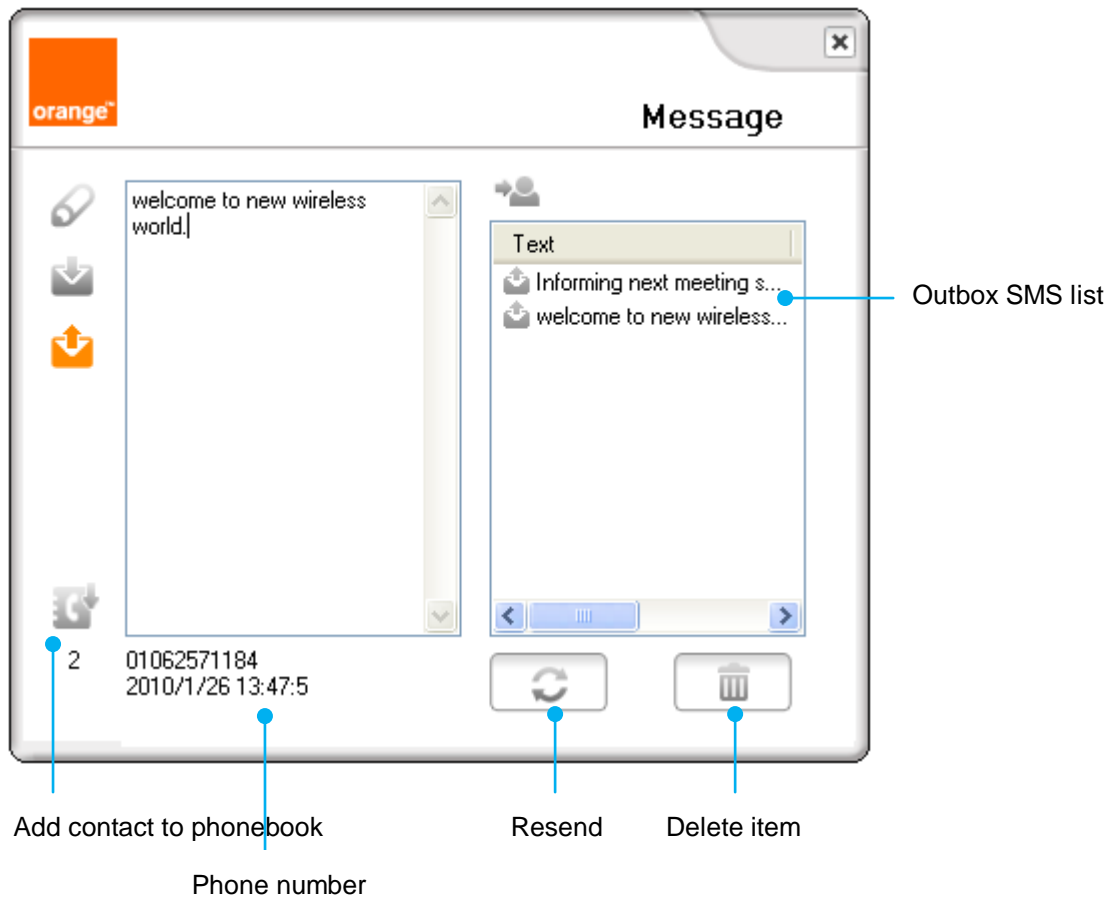
Method 1: Click once 'Dial number input', and enter the dial number.



Method 2: Click 'Link Phonebook' () and following screen will appear as below.



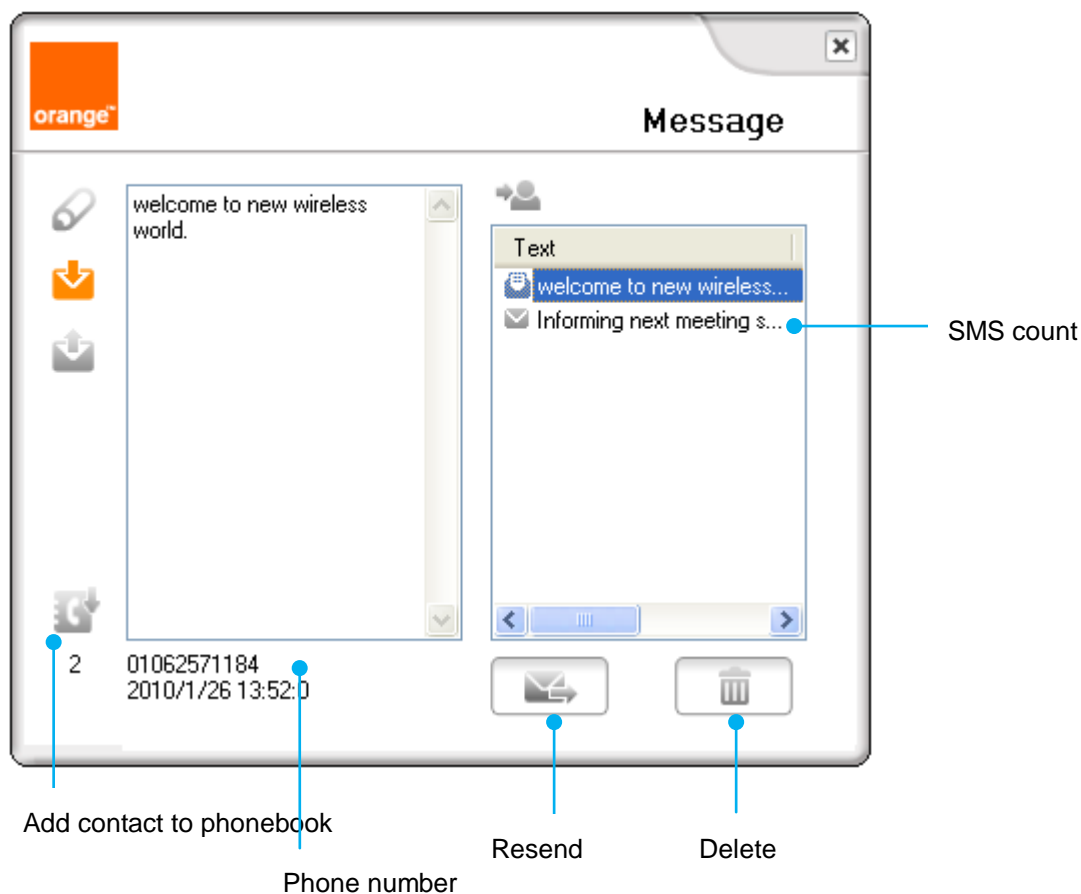
Double-click the name to import dial number from phonebook. (You can register contacts up to 10 at a time) Click 'Clear' to remove messages and phone numbers.


## ■ Viewing sent message



1. Click 'Outbox' (.
2. Click a message to check the message and dial number.
3. Add contact to Phonebook Click 'Add contact to Phonebook' () to store the phone number of the selected message to the phonebook
4. Resend  
Click the 'Resend' button.
5. Delete Item  
Click 'delete item' button or press delete key

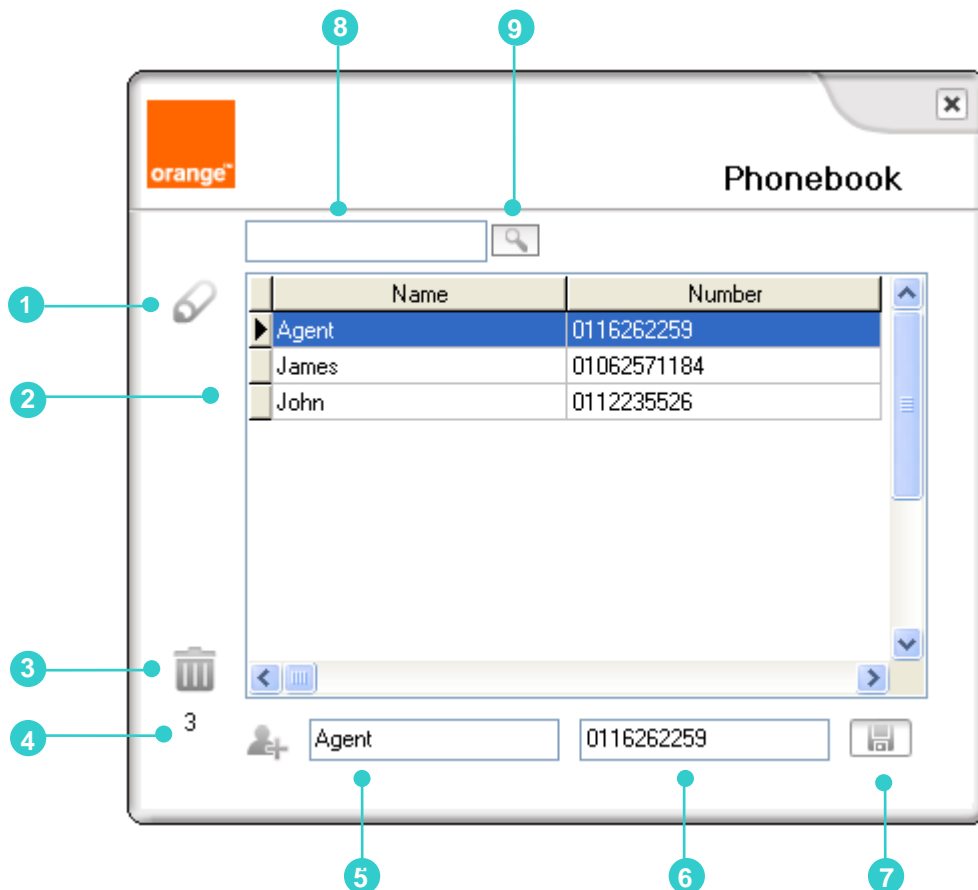
### ■ Viewing received message



1. Click 'Inbox (  )'.
2. Dial number and content of messages will appear when you click messages.
  - 1) Add contact to Phonebook  
Click 'Add contact to Phonebook' to store the phone number of selected message to Phonebook.
  - 2) Reply message  
Click 'Reply message' button
  - 3) Delete Item  
Click 'Delete items' button or press delete key.

## 14. Phonebook

Click 'Phonebook' () in the main screen.



1	<b>Via SMS</b>	To send messages
2	<b>Phonebook list</b>	Contact name in phonebook are listed.
3	<b>Delete</b>	Delete a selected item
4	<b>The number of stored contacts</b>	Indicate the number of stored contacts.
5	<b>Input User name</b>	To enter names.
6	<b>Input Dial number</b>	To enter number.
7	<b>Add contact to Phonebook</b>	After entering names and contacts, Click 'Add contact to Phonebook' to store.
8	<b>Searching Text</b>	Enter a user name or dial number to search
9	<b>Searching contact</b>	To start searching contacts (The contacts will appear on Phonebook list.)



## 15. Application Information

Display the information of Easy Wireless Net



## 16. Troubleshooting

**Q: I cannot connect to the Internet?**

**A:** Please check User name, Password and Service number on the [CDMA Setting] menu. For correct User name, Password and Service number, please contact service provider for more information.

**Q: The Internet connection speed is too slow.**

**A:** Please check whether the modem is set at GPRS Only. If USB modem is set at GPRS Only mode, then the Internet is not connected as 3G mode. Recommend strongly 3G Preferred as Connection type, and Auto Network Selection as Choose Network in Connection Setting Menu.

**Q: The Internet connection is poor and frequently it gets disconnected.**

**A:** The Network is at unstable state. Try to move to a different place then use it again. Also, if you touch or block the USB modem with hand/body contact, the modem connection speed degrades. Please be careful not to touch the modem with your hand or any part of the body.

**Q: Can I leave the external power adopter in the electric socket even after the battery is fully charged?**

**A:** Yes, it is safe to leave adopter in the electric socket even after the battery is fully charged if you are using genuine battery and adopter from the manufacturer.

**Q: No matter how long I pressed the power button, the power does not get turned off.**

**A:** Please check whether the external power is connected or not. If external power adopter is connected then the power will not be turned off.

**Q: All of the display on the program's screen shows as prohibited icons.**

**A:** Please check whether the port is properly set for communicating between computer and the modem. Restart The computer and modem.

**Q: The program has ended but the USB modem power is turned off.**

**A:** The power of USB modem is not controlled by the program. The point USB modem turns on automatically is when USB cable is connected to the PC/Notebook. In order to turn off the modem, press ON/OFF button for at least 5 seconds.

**Q: I tried to turn-on the modem by pressing ON/OFF button but unsuccessful.**

**A:** Please dismount the battery and disconnect the USB cable, then remount the battery and connect the USB cable. If the power is still not on, please contact A/S center for further information.

**Q: Easy Wireless Net was broke down.**

**A:** Please Check again connection state between PC and Modem.

**Q: I can't enter the PIN code.**

**A:** Please Check again PIN code. Refer to category [12]



## Declaration of Conformity

**MANUFACTURER :** AnyDATA.NET Inc.

DaeGo Bldg. 8thFl., 1591-10 Kwanyang-dong,  
Dongan-gu, Anyang City, Kyunggi-do. Korea

**MODEL :** ADU-770WA (Wireless Data Modem)

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC and Specific Absorption Rate(SAR). To which this declaration relates, is in conformity with the following standards and/or other normative documents.

**1) Directive 1999/5/EC : Radio and Telecommunications Equipment(R & TTE)**  
**73/23/EEC Low Voltage Directive(as amended)**

- EN 301 908-2 V3.2.1 (2007-05)
- EN 301 511 V9.0.2 (2003-03)
- TIA/EIA/IS-856-A-1[E]
- EN 301 489-25 V2.3.2(2005-07) · EN 62209-2: 2010 · EN 60950-1: 2016

Verified by Bay Area Compliance Laboratory Corporation  
Identification mark: **CE 1313** (Notified Body number)

**CE 1313**

**2) Specific Absorption Rate (SAR)**

- Standards applied: EN 62209-2:2010

Verified by Bay Area Compliance Laboratory Corporation

MANUFACTURER'S SIGNATURE :

TITLE :

International Marketing / Director



**AnyDATA<sup>®</sup>**

Wireless Solutions for a Smarter World

### **Declaration of RoHS Conformity**

We, (AnyDATA.NET Inc.), hereby declare that our products indicated below comply with the Restriction of Hazardous of Substances directive (ROHS) 2002/95/EC and the products will be used exactly same material and components in the Nemko RoHS test report at mass production line after we get Nemko RoHS ( *Verified* ) mark.

Company Name : AnyDATA.NET Inc.

Product : CDMA WIRELESS MODEM

Model Name : ADU-770WA

---

Signature

---

JS Lee / International Marketing / Director

---

Name and Position





## SAR EVALUATION REPORT

For

**AnyDATA.NET Inc**

Daego Bldg, 8<sup>th</sup> Fl., 1591-10, Kwanyang-Dong, Dongan-Gu,  
Anyang City, Kyunggi-Do, Korea

**Model: ADU-770WA/ADU-770WL**

<b>Report Type:</b> Original Report	<b>Product Type:</b> GSM/CDMA/WCDMA USB Modem
<b>Test Engineer:</b> Arthur Tie	
<b>Report Number:</b> R1006037-SAR(EN)	
<b>Report Date:</b> 2010-06-30	
<b>Reviewed By:</b> Victor Zhang	
<b>Prepared By:</b> (84)	Test Engineer, RF Lead
Bay Area Compliance Laboratories Corp. 1274 Anvilwood Ave Sunnyvale, CA 94089, USA Tel: (408) 732-9162 Fax: (408) 732-9164	

**Note:** This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. This report **must not** be used by the customer to claim product certification, approval, or endorsement by NVLAP\*, NIST, or any agency of the Federal Government.

\* This report may contain data that are not covered by the NVLAP accreditation and are marked with an asterisk "\*" Rev-2